

PUBLIC HEALTH REPORTS

VOL. 40

AUGUST 7, 1925

No. 32

THE TREND OF PNEUMONIA IN MASSACHUSETTS

By EUGENE R. KELLEY, M. D., Commissioner, Massachusetts Department of Public Health, and
ANGELINE D. HAMBLE, Statistician, Massachusetts Department of Public Health

The careful and complete studies of pneumonia in the 10 original registration States, made by Prof. Edwin B. Wilson, of the Harvard School of Public Health, and Dr. Ewald Tomanek, Fellow of the International Health Board, gave rise to the present study of the general trend of pneumonia in Massachusetts. In their paper, "Is Pneumonia Increasing?"¹, Professor Wilson and Doctor Tomanek say in conclusion: "* * * all that we think it safe at present to infer is that pneumonia is neither increasing or decreasing." Their figures covered the period 1900-1920, and while their findings coincide with those of this study down to the year 1920, the additional data available for Massachusetts show a real downward trend from 1919 through 1924, and have unsettled their interesting speculation of whether "the human organism is really in equilibrium with its environment with respect to this disease."

The difficulty of solving the question of whether the death rate from pneumonia is decreasing or merely remaining stationary is complicated by the great epidemic of 1918 and by the problem of the changing classification of the causes of death. Is the marked decrease in the death rate from pneumonia, all forms, in the last six years due entirely to the wiping out of susceptibles by the great epidemic? If the average annual rate for the 24 years preceding, which had a very gradual but steady decrease, had held in 1918 there would have been 6,631 deaths instead of 14,626. If, also, this rate had continued through the next six years there would have been 41,011 deaths instead of 31,516. It is evident, therefore, that the excess number of deaths during the epidemic has been more than balanced by the decrease since 1918. Also it is seen in Figures 6 and 7 that the rate for persons over 50 years of age, which shows no increase in 1918, shows a decline since that year, and the rate for infants born after the epidemic also shows a decreasing rate.

¹ Proceedings of the National Academy of Sciences, Vol. 10, No. 5, May, 1924.

The problem of the changing classification of the causes of death and its relation to the death rate from pneumonia is about as elusive as a problem in the fourth dimension. In the last six years pneumonia averaged 10.2 per cent of all causes of death and 9.8 per cent in the 6-year period 1890-1895. This would seem to indicate that the tendency has been to state pneumonia as the cause of death more frequently rather than less frequently. A long-period chart of the death rates from pneumonia, all forms, shows a definite increase from 1850 to 1893, followed by a stretch of 24 years when the rates were slowly decreasing. This shift in 1893 is also seen in the rate for "all causes," showing that from that time there were fewer deaths, whether attributed to pneumonia or some other cause. As is to be expected, the change in 1893 is seen in the rate for all diseases of the respiratory system. Bronchitis shows a declining rate from 1892. Broncho-pneumonia was first reported separately in 1901. The rate rose till 1918, and since then has fallen. This rise can not be entirely attributed to the fall in the death rate for bronchitis, since the rate for the latter was falling with practically the same trend eight years previously. It seems more probable that insistence by the Census Bureau upon further qualification of the term "pneumonia" has led to the adjective "broncho" being inserted more frequently than "lobar." This would also explain why, as the rate for broncho-pneumonia rose, the rate for lobar pneumonia, which includes "pneumonia unspecified," has fallen. Since 1919 the rate for broncho-pneumonia has been higher than for lobar pneumonia. Asthma shows a declining rate since 1903, and the group "all diseases of the respiratory system other than pneumonia, bronchitis, and asthma," shows a declining rate since 1907. One would come to the conclusion, then, that the falling death rate for pneumonia is not due to changes in classification within the group "diseases of the respiratory system."

On examination of the charts showing the age distribution it is seen that the total deaths from pneumonia may be divided into three practically equal age groups: (a) Under 20, about one-half of which are under 1 year; (b) 20 to 49; and (c) 50 and over. About the same proportion is found in each age group at the present time as was found 30 years ago. The death rate for each age group shows a decline, which has been accelerated since the epidemic. The highest percentage of deaths in a single year of age occurs in the infants under 1 year. The rate was rising between 1894 and 1912, while the rate for "all ages" was falling slightly. Since 1912 the rate for infants shows a decline. To ascertain, if possible, whether this decline is a true one or whether it is due to changes in classification, the death rates were plotted for the other most common causes of death under 1 year. A declining rate was found for each with the

exception of malformations, which would not affect the pneumonia rate. The death rate for pneumonia under 1 year is worthy of especial attention, because about one-third of all deaths from bronchopneumonia occur in this age group. Also about 12 per cent of the decrease in the total pneumonia rate since 1918 is due to the decrease in the rate under 1 year.

The principal causes of death in the age group 1 to 19 also show declining rates, with the possible exception of heart disease, which shows an average death rate considerably lower in the past five years than in the five-year period preceding. The death rates for the group of infectious diseases—diphtheria, measles, scarlet fever, and whooping cough—show a considerable variation, but have an evident downward trend throughout the period 1900–1923. This downward tendency is also seen in the death rates for diseases of the nervous system and pulmonary tuberculosis. In the latter instance the rate of decrease is evidently greater since 1918.

As in the earlier age groups, the death rates for pulmonary tuberculosis in the age group 20 to 49 show a steady decline, which has been accelerated since 1918. Although the rate for heart disease was increasing between 1900 and 1916, the average for the past five years has been lower than for the five-year period preceding. The rates for nephritis show a downward tendency since 1912. The rates for cancer show a constant upward trend throughout the period, but the increase has certainly not been coincident with the decrease in the pneumonia death rate.

In the age group 50 and over, all the chief causes of death, with the exception of pneumonia, show an increasing rate. In each case the rate of increase has been fairly constant and was not affected by the acceleration in the decline of the pneumonia death rate since 1918.

After considering the above facts we feel that the figures since 1918 are significant and that the death rate for pneumonia in Massachusetts is really decreasing. As a possible explanation of a decrease in the pneumonia death rate was the changing of classification of the causes of death, we call attention to the fact that the decrease in the pneumonia death rate was not coincident with an increase in the death rate of any of the chief causes of death.

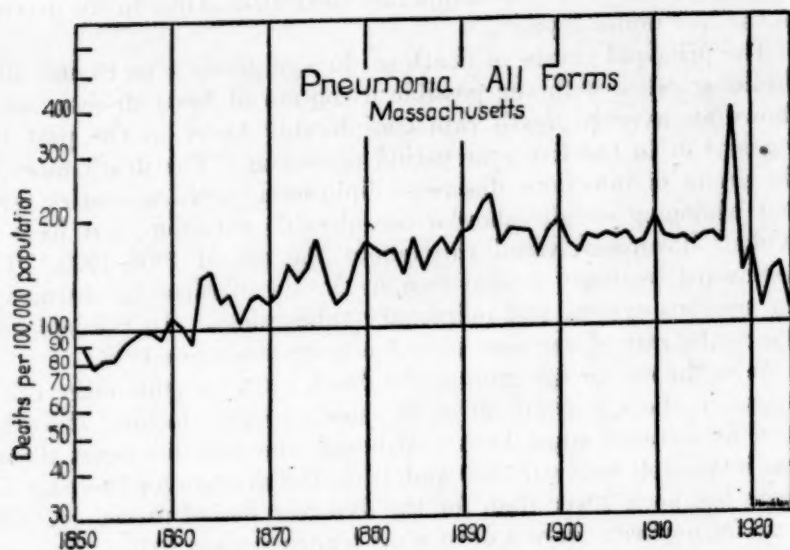


FIG. 1

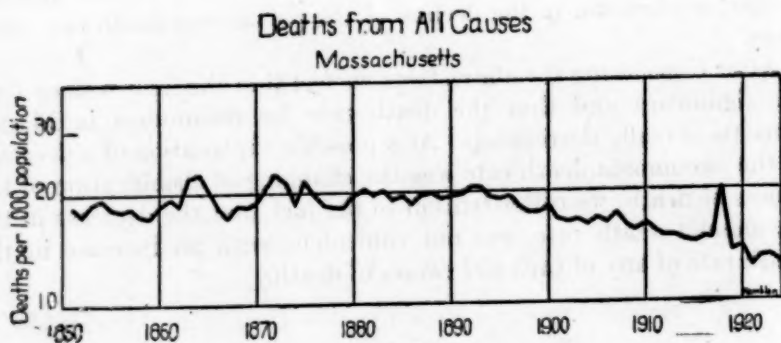


FIG. 2

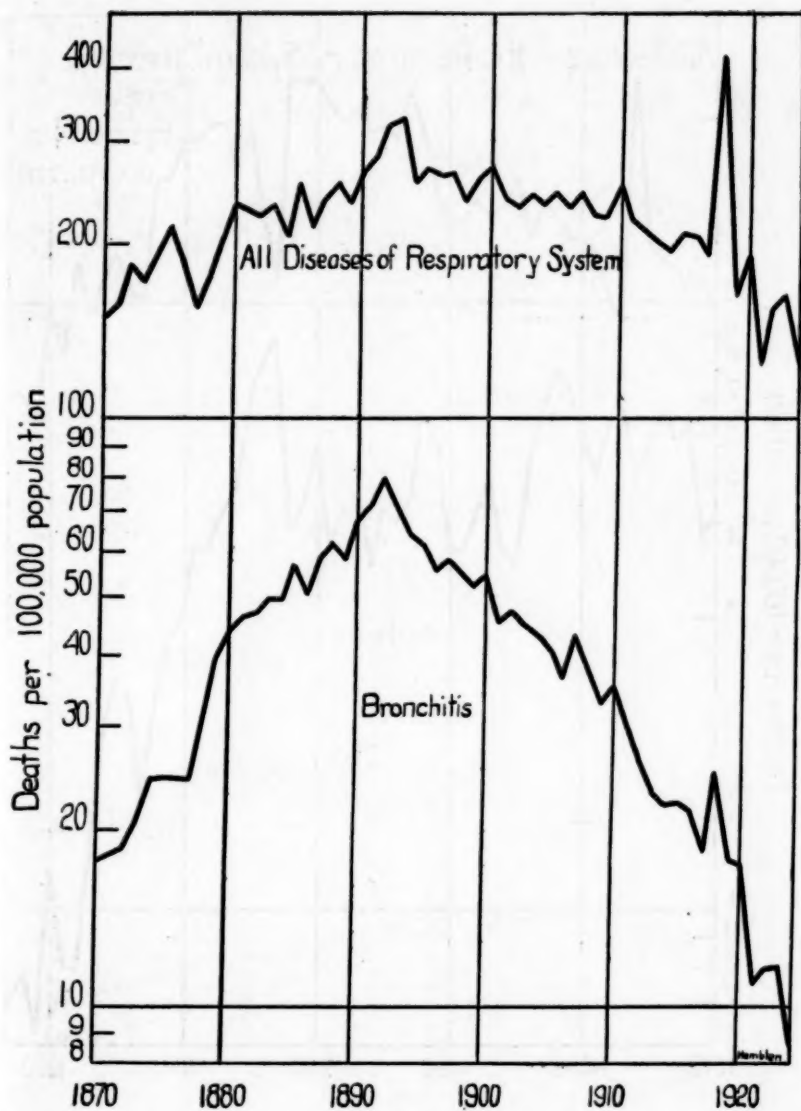


FIG. 3

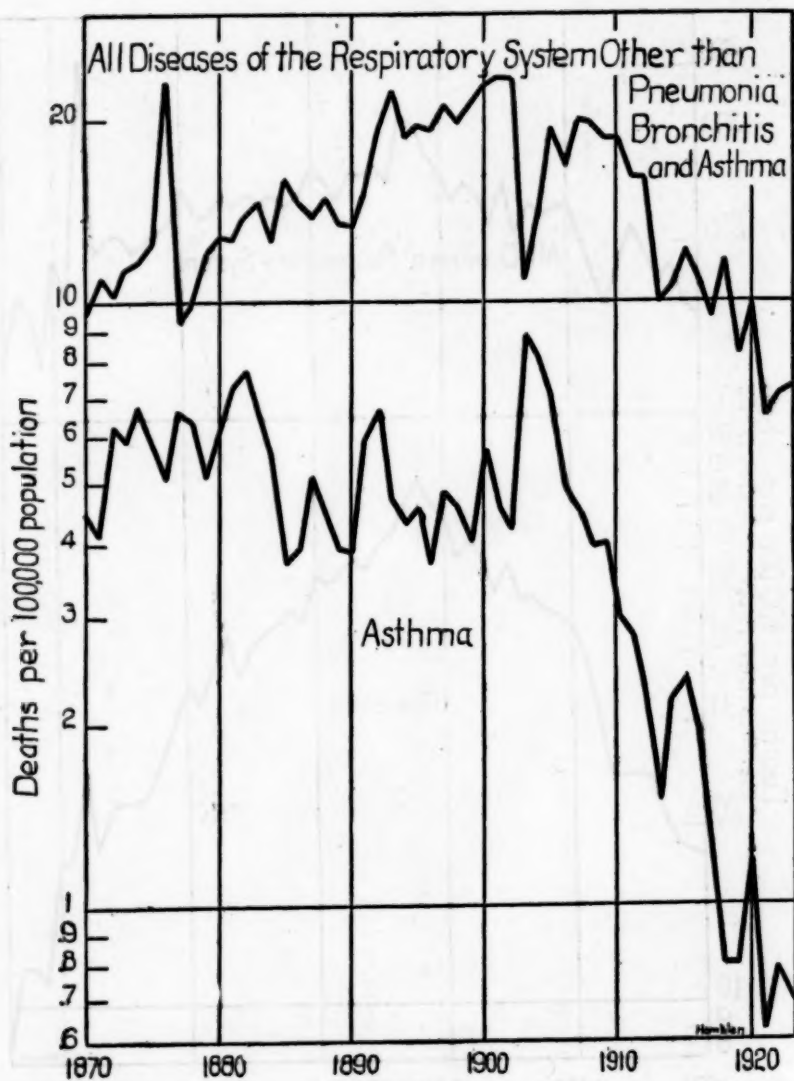


FIG. 4

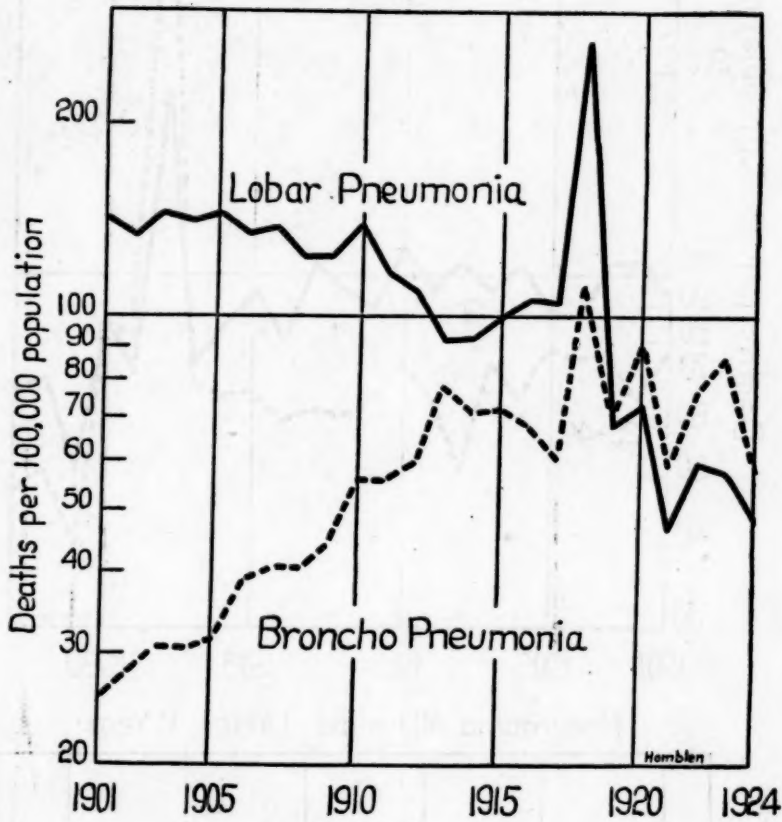


FIG. 5

Pneumonia by Age Groups

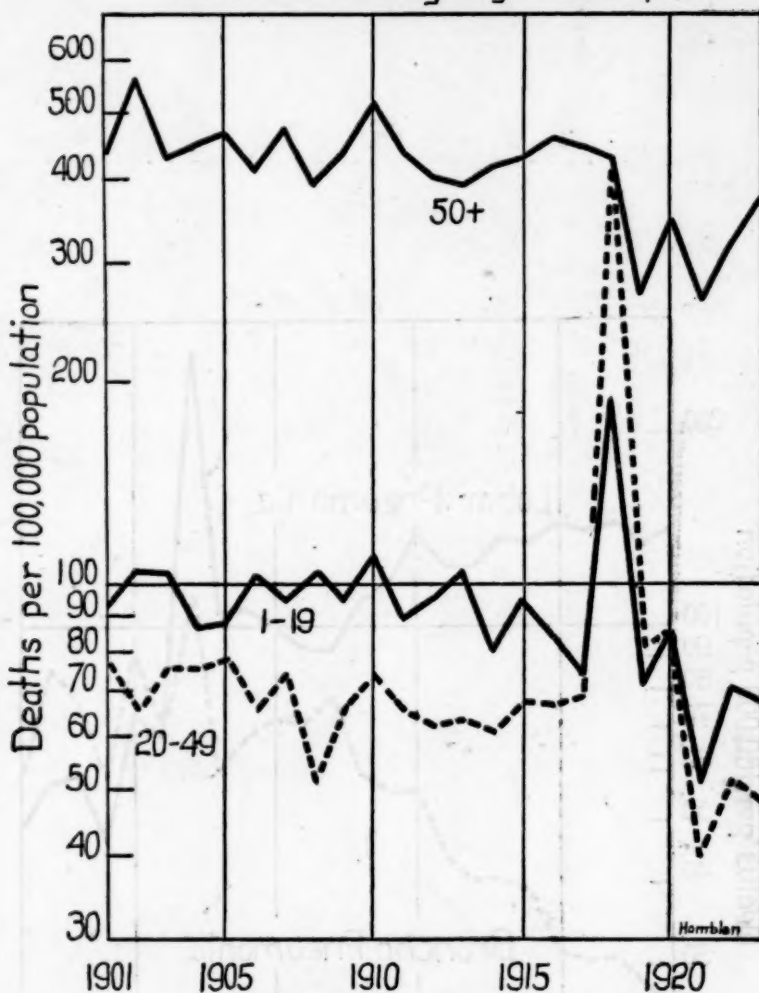


FIG. 6

Pneumonia All Forms Under 1 Year

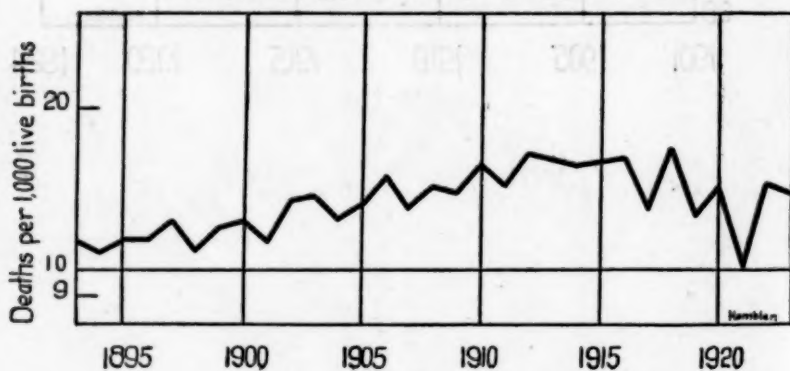


FIG. 7

Deaths Under 1 Year by Causes

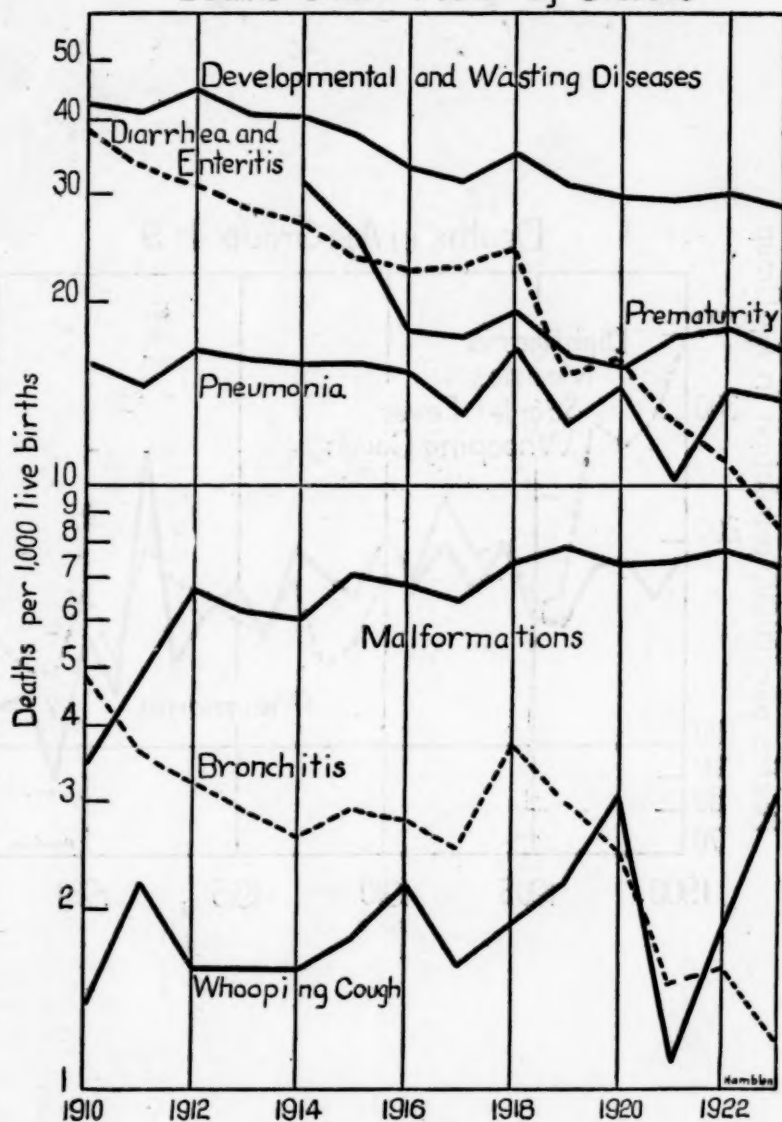


FIG. 8

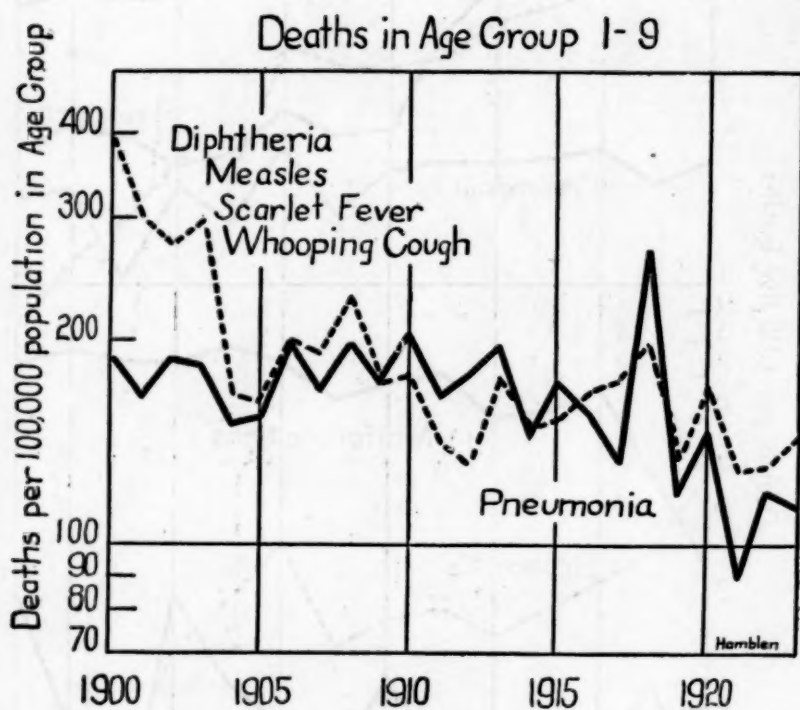
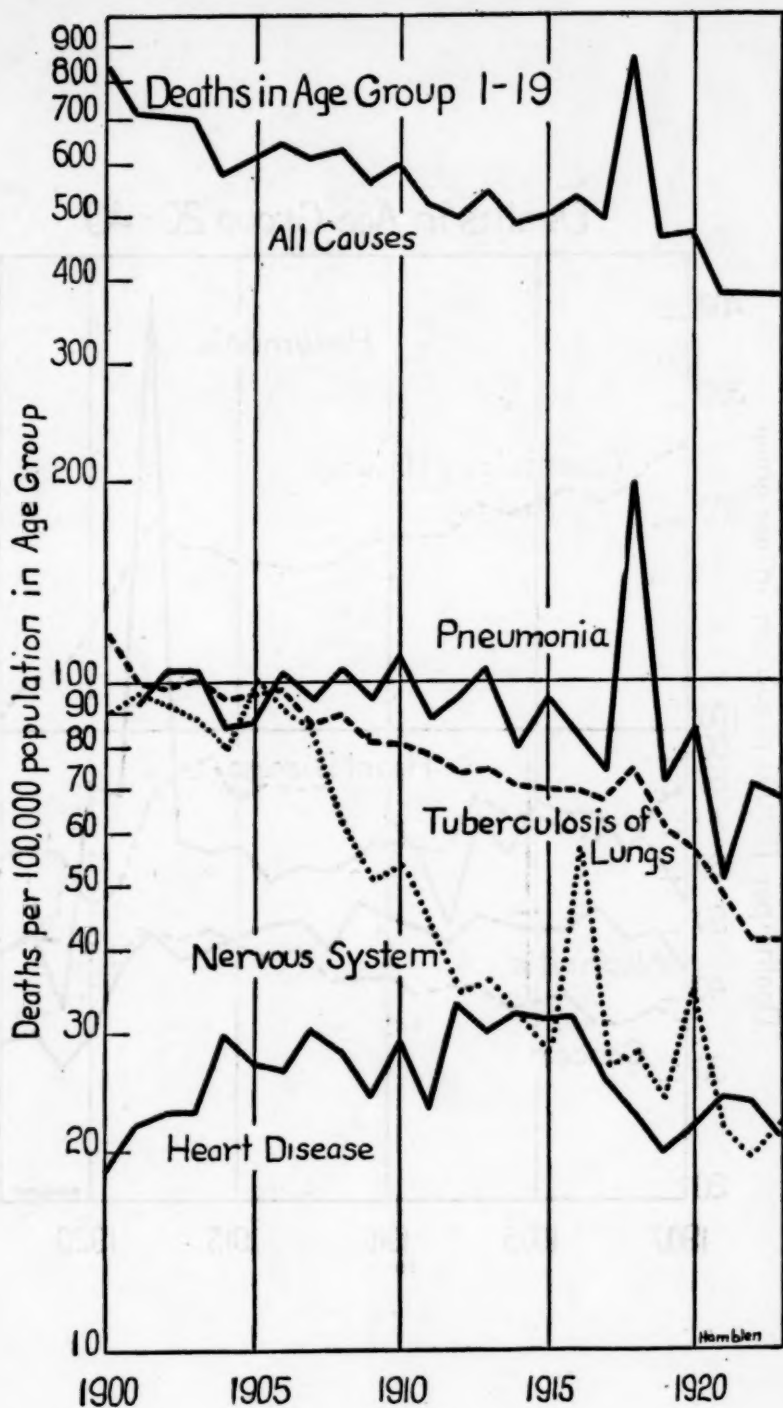


FIG. 9



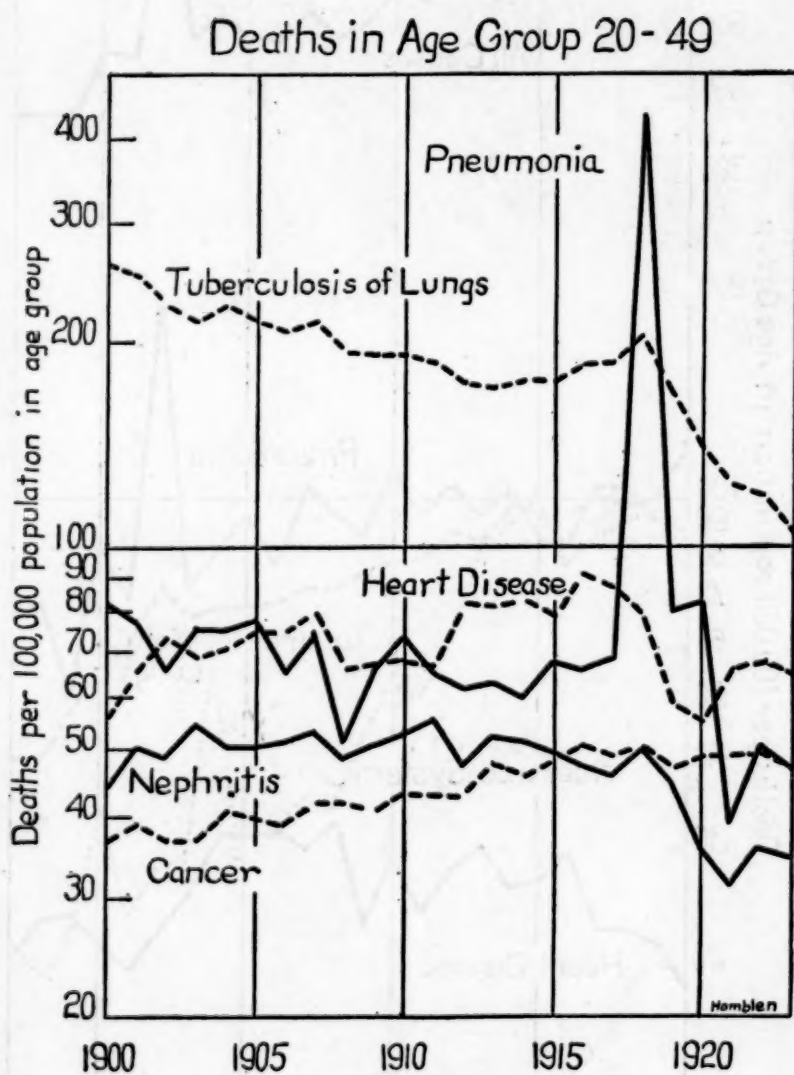


FIG. 11

Deaths in Age Group 20-49

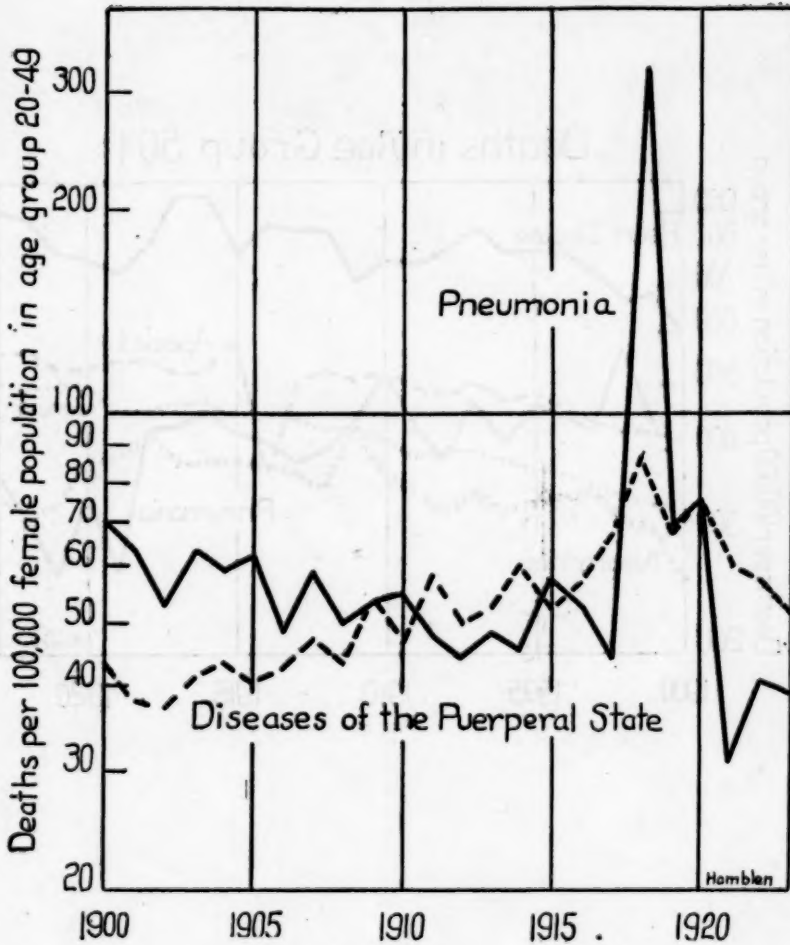


FIG. 12

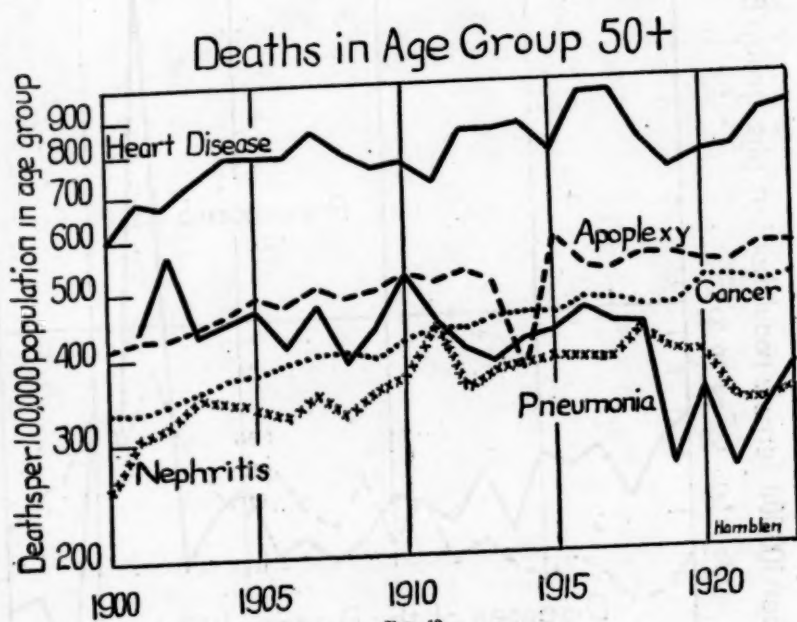


FIG. 13

CURRENT WORLD PREVALENCE OF DISEASE

REVIEW OF THE MONTHLY EPIDEMIOLOGICAL REPORT FOR JUNE 15, 1925, ISSUED
BY THE HEALTH SECTION OF THE LEAGUE OF NATIONS' SECRETARIAT¹

In most countries the spring months were marked by a seasonal decline in the incidence of a number of the important epidemic diseases, such as influenza, scarlet fever, diphtheria, and smallpox; and no new or unusual epidemic conditions are indicated in the information made available in the Epidemiological Report issued June 15 by the health section of the League of Nations' secretariat. Practically all of the changes in the prevalence of those diseases referred to in the general summary of the report were the normally expected seasonal variations.

Plague.—Several cases of plague were reported during May from Mediterranean ports; but the situation in this region, considering the season, was very satisfactory. In Egypt 30 cases were reported during the four weeks ending May 28, of which one was at Suez and two were at Port Said, whereas the remainder were in inland provinces. Other cases in Mediterranean ports were as follows: One at Algiers on May 12, one at Constantinople on May 22, and one each at Patras and Beirut in April.

In Madagascar the number of cases diminished from 172 in March to 134 in April and 71 in May. Plague incidence also declined in other African centers. Only one case was reported in the Union of South Africa in April.

Owing chiefly to the improved plague situation in the Punjab the mortality in the four weeks ending April 18 for the whole of India was only 40 per cent of the plague mortality in the corresponding period of 1924. Some increase of plague over the previous four weeks is noted in the Punjab and the United Provinces, but elsewhere there was a decrease in the beginning of April. As the plague incidence in India is normally at a maximum at this period, it is possible to predict that the 1925 "plague year" will show a relatively low incidence for India.

¹ From the Statistical Office, United States Public Health Service.

Deaths from plague in the Provinces of India, February 15 to April 18, 1925

Province	1925		1924
	Feb. 15 to Mar. 14	Mar. 22 to Apr. 18	Mar. 23 to Apr. 19
North-West Frontier	28	68	1,269
Punjab	4,602	7,650	34,861
Delhi	25	11	804
United Provinces	6,656	9,062	9,654
Bihar and Orissa	1,307	968	1,137
Central Provinces	791	478	900
Madras Presidency	247	76	42
Hyderabad State	310	70	98
Mysore	48	11	23
Bombay Presidency	865	309	418
Bengal Presidency	0	0	9
Assam	0	0	0
Burma	518	263	260
Other Indian States	815	869	3,044
Total	16,212	19,833	52,609

Although a further decline in plague deaths took place in Java in March, the number remained very much higher than in previous years. The principal ports of the Dutch East Indies, however, reported no case of plague in May.

In the latter half of May, plague was reported near the Siberia-Manchuria frontier, along the Chita-Harbin railway line. One case was reported at Dauria, one at Dalainor, two at Sharazin, and one at Manchouli; also one fatal case of bubonic plague was reported at Nadarovsk village, near Chita.

Cholera.—Though cholera increased in India in April, it was much less prevalent than at the corresponding period of 1924. The United Provinces, where last year's epidemic centered, have been practically free from infection this year.

Deaths from cholera in the Provinces of India, February 15 to April 18, 1925

Province	1925		1924
	Feb. 15 to Mar. 14	Mar. 22 to Apr. 18	Mar. 23 to Apr. 19
North-West Frontier	0	0	0
Punjab	0	2	2
Delhi	0	0	14
United Provinces	9	22	14,640
Bihar and Orissa	396	1,697	5,690
Central Provinces	1	22	320
Madras Presidency	2,994	2,563	1,888
Hyderabad State	15	0	28
Bombay Presidency	1	0	4
Bengal Presidency	1,054	1,795	3,653
Assam	128	60	608
Burma	63	71	371
Other Indian States	0	957	274
Total	4,661	7,189	27,501

A sudden outbreak in the State of Kashmir, where cholera appears to have been rare, was reported in April and evidently spread rapidly.

Cholera cases and deaths reported in the State of Kashmir, March-April, 1925

Week ending—	Cases	Deaths
Mar. 28.....	14	9
Apr. 4.....	28	13
Apr. 11.....	828	303
Apr. 18.....	1,391	632
Apr. 25.....	1,574	921
May 2.....	1,847	908

In addition to the cholera incidence in India, 11 cases were reported in Ceylon the latter half of April, 31 cases in Indo-China in April, 4 deaths at Bangkok from May 10 to 30, and one case of cholera was reported May 2 in European Russia, at Staniza Aksay, in the neighborhood of Rostov-on-the-Don.

Yellow fever.—The following cases of yellow fever were reported, the death occurring at Lahou being that of a European from an establishment in the Bandama:

Locality	Date	Cases	Deaths
Gold Coast.....	Apr. 1-30.....	1
Nigeria:			
Ibadan.....	Apr. 24-30.....	1
Lagos.....	Apr. 29.....	1
Do.....	May 1-5.....	3	1
Ivory Coast:			
Lahou.....	June 1-10.....	1	1

Typhus and relapsing fever.—"In March 7,250 cases of typhus and 698 cases of relapsing fever were reported in Russia," states the Report, "as against 17,210 and 5,341 cases, respectively, during the corresponding month of 1924. More cases than last year were reported in the northwestern districts, especially in the governments of Pskov, Novgorod, and Cherepovetz, where there were 1,013 typhus cases and 76 cases of relapsing fever in March, 1925, as against 534 and 37 during the corresponding month of 1924. These districts were the least affected by the epidemic wave of 1922." Outside of Russia and Poland very few cases of typhus have been reported in Europe in 1925, and only 5 cases of relapsing fever were reported during the first five months.

With regard to relapsing fever in Africa, the report makes the following comment:

Severe epidemics of relapsing fever, accompanied by a high mortality, have occurred in many parts of the country south of the north African desert belt. There were thus 808 deaths from this cause in Nigeria in March. In January relapsing fever is reported to have caused numerous deaths in northern Cameroon,

367 deaths at Zinder, in the French territory of the Niger, and 341 deaths in the Tchad colony. Numerous deaths from relapsing fever are reported from the High Volta and French Sudan. Reports from these districts state that the temperature had been unusually low in the beginning of the year and that many respiratory affections among the natives resulted. Reports from the Tchad colony indicate that the relapsing fever situation had improved greatly in May. The epidemic is reported to have reached as far to the northeast as Borku in May.

Smallpox.—A decline in the incidence of smallpox in England seems to have occurred toward the end of May, and the cases for the four weeks ending June 6 numbered 480, as compared with 643 in the preceding four weeks.

The smallpox situation in the United States appears to be better than last year, as 3,090 cases were reported by 27 States in the four weeks ending May 18, as compared with 5,063 cases notified in the same States during the corresponding period of 1924.

Virulent smallpox is said to be prevalent in Mexico, where it caused 550 deaths in March.

Last month it was pointed out that smallpox has been increasing in India and that it is epidemic in most of the territory. In the four weeks ending April 18, 29,811 cases were reported, as compared with 20,351 in the preceding four-week period. The report says: "It appears from telegraphic reports that the epidemic reached its maximum in Calcutta during the week ending May 2, when there were 183 deaths from smallpox; the number had diminished to 17 during the week ending June 13. The outbreak has been severe also in Rangoon, where the maximum occurred about the same time as in Calcutta."

Smallpox is prevalent also in French Indo-China, though less so than in India. Its incidence has been diminishing in Java during the past six months.

Lethargic encephalitis.—The number of new cases of lethargic encephalitis declined during May in several European countries, notably Denmark, Sweden, the Netherlands, Czechoslovakia, Switzerland, and Italy. "In England and Wales there were, on the contrary, 312 new cases during the four weeks ending May 30, as against 209 cases during the preceding four weeks." Fewer cases, however, were reported in the first two weeks of June than in the last two weeks of May, when the cases numbered 125 and 162 in the respective periods.

The incidence of lethargic encephalitis has been declining in the United States since January.

Poliomyelitis.—The epidemic of poliomyelitis in New Zealand reached its peak in February and March, and the incidence declined rapidly throughout April. From the beginning of the outbreak to April 4, 1,250 cases and 168 deaths were reported.

Cases of poliomyelitis in New Zealand from March 1 to May 2

Two-week period ending—	Number of cases
Mar. 14.....	216
Mar. 28.....	179
Apr. 4.....	130
Apr. 18.....	67
May 2.....	36

Cerebrospinal meningitis.—There are no signs of any unusual prevalence of cerebrospinal meningitis in European or American countries.

The extensive outbreak in Nigeria in February, when 376 deaths were reported, spread during March, and 800 deaths were reported in the latter month. The peak of the epidemic evidently was passed in March, as the recorded deaths in April, though stated to be incomplete, were only 65.

Scarlet fever.—The report makes the following comment on the prevalence of scarlet fever in Europe:

The incidence of scarlet fever, which reached its seasonal maximum in most European countries some time during the last quarter of 1924, has diminished, but only very slowly, during the last months. Its fluctuations have in recent years been so gradual in the western half of Europe that they have resembled more the slow seasonal movements of the tuberculosis mortality, for example, than the sudden epidemic outbreaks which occurred in the nineteenth century and which are still common in the eastern half of Europe. It appears that this condition of endemicity in western Europe coincides with a fairly low case mortality while the proportion of fatal cases is undoubtedly higher in eastern Europe.

In the United States and Canada the scarlet fever incidence usually reaches a maximum about March, then falls to a relatively low summer level. The incidence in the first five months in the United States has differed little from that in 1924.

In Australia the incidence during the first four months of 1925 has been lower than in any of the three preceding years.

Diphtheria.—In most European countries diphtheria cases continued to be more numerous the past spring than during the corresponding season of 1924; but the incidence has not been excessive compared with earlier years.

Measles.—"Measles has been very prevalent in Russia during the past winter and spring; incomplete returns for March showed 44,061 cases of measles as against 14,237 cases of scarlet fever and 3,317 cases of diphtheria."

"Measles has been prevalent in the past half year in France, Italy, Bulgaria, Hungary, Poland, and Russia, but relatively unimportant in Denmark and in the United States."

Examination for Entrance into the Regular Corps of the United States Public Health Service

Examinations of candidates for entrance into the Regular Corps of the United States Public Health Service will be held at the following-named places on the dates specified:

Washington, D. C., September 14, 1925.

Chicago, Ill., September 14, 1925.

New Orleans, La., September 14, 1925.

San Francisco, Calif., September 14, 1925.

Candidates must be not less than 23 nor more than 32 years of age, and they must have been graduated in medicine at some reputable medical college, and have had one year's hospital experience or two years' professional practice. They must pass satisfactorily oral, written, and clinical tests before a board of medical officers and undergo a physical examination.

Successful candidates will be recommended for appointment by the President with the advice and consent of the Senate.

Requests for information or permission to take this examination should be addressed to the Surgeon General, United States Public Health Service, Washington, D. C.

DEATHS DURING WEEK ENDED JULY 25, 1925

Summary of information received by telegraph from industrial insurance companies for week ended July 25, 1925, and corresponding week of 1924. (From the Weekly Health Index, July 28, 1925, issued by the Bureau of the Census, Department of Commerce)

	Week ended July 25, 1925	Corresponding week, 1924
Policies in force.....	60, 602, 704	56, 612, 880
Number of death claims.....	10, 133	9, 508
Death claims per 1,000 policies in force, annual rate...	8. 7	8. 8

Deaths from all causes in certain large cities of the United States during the week ended July 25, 1925, infant mortality, annual death rate, and comparison with corresponding week of 1924. (From the Weekly Health Index, July 28, 1925, issued by the Bureau of the Census, Department of Commerce)

City	Week ended July 25, 1925		Annual death rate per 1,000 corre- sponding week, 1924	Deaths under 1 year		Infant mortality rate week ended July 25, 1925 ¹
	Total deaths	Death rate ²		Week ended July 25, 1925	Corre- sponding week, 1924	
Total (65 cities).....	5, 401	10. 2	³ 10. 9	729	³ 710	⁴ 50
Akron.....	34			3	5	34
Albany ⁵	30	13. 1	15. 0	5	3	109
Atlanta.....	48			5	15	
Baltimore ⁵	164	10. 7	11. 1	38	21	114
Birmingham.....	59	9. 9	15. 3	8	10	
Boston.....	183	12. 2	11. 1	27	25	71
Bridgeport.....	27			1	2	16
Buffalo.....	121	11. 4	11. 9	21	12	85
Cambridge.....	17	7. 9	8. 9	2	2	34
Camden.....	25	10. 1	13. 2	4	3	64
Chicago ⁵	553	9. 6	10. 0	74	72	66

¹ Annual rate per 1,000 population.

² Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1924. Cities left blank are not in the registration area for births.

³ Data for 65 cities.

⁴ Data for 59 cities.

⁵ Deaths for week ended Friday, July 24, 1925.

Deaths from all causes in certain large cities of the United States during the week ended July 25, 1925, infant mortality, annual death rate, and comparison with corresponding week of 1924—Continued

City	Week ended July 25, 1925		Annual death rate per 1,000 corresponding week, 1924	Deaths under 1 year		Infant mortality rate week ended July 25, 1925 ²
	Total deaths	Death rate ¹		Week ended July 25, 1925	Corresponding week, 1924	
Cincinnati.....	96	12.2	14.4	16	15	95
Cleveland.....	130	7.2	8.6	15	21	37
Columbus.....	59	11.0	13.0	10	6	92
Dallas.....	57	15.4	10.8	13	2	—
Denver.....	69	12.8	10.0	11	2	—
Des Moines.....	18	6.3	11.9	1	5	17
Detroit.....	228	—	—	39	28	67
Duluth.....	17	8.0	6.3	2	3	43
El Paso.....	35	17.4	14.0	11	5	—
Erie.....	18	—	—	1	1	19
Fall River ³	32	13.8	12.1	2	5	29
Flint.....	14	5.6	6.3	4	2	63
Fort Worth.....	30	13.3	9.9	8	2	—
Grand Rapids.....	13	4.4	13.0	0	3	0
Houston.....	35	11.1	14.3	5	12	—
Indianapolis.....	91	13.2	12.9	17	10	121
Jersey City.....	58	9.6	12.9	0	10	0
Kansas City, Kans.....	24	10.1	9.0	3	1	63
Kansas City, Mo.....	75	10.6	12.6	9	6	—
Los Angeles.....	203	—	—	27	16	74
Louisville.....	65	13.1	14.5	10	8	87
Lowell.....	26	11.6	12.2	2	7	35
Lynn.....	13	6.5	10.6	1	0	27
Memphis.....	58	17.3	32.1	5	23	—
Milwaukee.....	79	8.2	7.1	10	13	47
Minneapolis.....	63	7.7	11.6	2	5	11
Nashville ⁴	45	17.2	18.2	2	6	—
New Bedford.....	16	6.2	6.3	2	0	33
New Haven.....	35	10.2	13.0	6	9	78
New Orleans.....	139	17.5	22.4	21	22	—
New York.....	1,036	8.9	9.3	135	135	54
Bronx Borough.....	142	8.2	7.0	10	10	34
Brooklyn Borough.....	301	7.0	8.6	41	59	42
Manhattan Borough.....	465	10.7	10.6	69	47	72
Queens Borough.....	91	8.3	8.6	14	16	65
Richmond Borough.....	37	14.4	14.8	1	3	18
Newark, N. J.....	81	9.3	10.2	12	12	55
Norfolk.....	29	—	—	8	8	147
Oakland.....	42	8.6	9.7	4	6	46
Oklahoma City.....	29	—	—	8	1	—
Omaha.....	54	13.3	9.8	4	8	41
Paterson.....	24	8.8	11.5	1	3	17
Philadelphia.....	343	9.0	10.1	37	49	47
Pittsburgh.....	126	10.4	11.0	24	30	80
Portland, Oreg.....	70	12.9	8.1	3	3	30
Providence.....	47	10.0	11.8	3	8	24
Richmond.....	50	14.0	15.9	6	9	72
Rochester.....	71	11.2	10.4	14	9	112
St. Louis.....	206	13.1	11.5	30	17	—
St. Paul.....	55	11.7	11.3	7	7	59
Salt Lake City ⁴	23	9.2	11.8	1	2	16
San Antonio.....	63	16.6	11.7	17	9	—
San Diego.....	33	17.1	14.1	4	1	94
San Francisco.....	114	10.7	11.7	6	3	35
Schenectady.....	12	6.1	10.4	2	0	56
Somerville.....	20	10.2	8.8	3	4	80
Spokane.....	17	8.1	8.5	1	3	22
Springfield, Mass.....	24	8.2	9.8	5	6	74
Syracuse.....	28	7.6	8.6	3	5	38
Tacoma.....	28	14.0	9.6	2	1	47
Toledo.....	62	11.2	11.2	7	7	63
Trenton.....	29	11.5	14.9	4	4	66
Washington, D. C.....	117	12.3	13.2	17	14	96
Waterbury.....	17	—	—	4	2	86
Wilmington, Del.....	22	9.4	16.5	1	6	23
Worcester.....	37	9.7	10.1	4	2	46
Yonkers.....	12	5.6	6.7	2	1	44
Youngstown.....	22	7.2	11.4	3	4	37

¹ Annual rate per 1,000 population.

² Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week, and estimated births for 1924. Cities left blank are not in the registration area for births.

³ Deaths for week ended Friday, July 24, 1925.

PREVALENCE OF DISEASE

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring

UNITED STATES

CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officer

Reports for Week Ended August 1, 1925

ALABAMA		CALIFORNIA	
	Cases		Cases
Chicken pox.....	2	Anthrax—Sonoma County.....	1
Dengue.....	1	Diphtheria.....	55
Diphtheria.....	9	Influenza.....	6
Influenza.....	8	Lethargic encephalitis—Los Angeles.....	1
Malaria.....	127	Measles.....	18
Measles.....	5	Poliomyelitis:	
Mumps.....	2	Bakersfield.....	1
Ophthalmia neonatorum.....	2	Berkeley.....	2
Paratyphoid fever.....	1	Burbank.....	1
Pellagra.....	37	Contra Costa County.....	1
Pneumonia.....	13	El Monte.....	1
Poliomyelitis.....	2	Fresno.....	1
Scarlet fever.....	12	Hillsborough.....	1
Smallpox.....	11	Inyo County.....	1
Tetanus.....	1	Kern County.....	2
Tuberculosis.....	160	Long Beach.....	1
Typhoid fever.....	130	Los Angeles.....	13
Whooping cough.....	18	Los Angeles County.....	3
		Maywood.....	1
		Napa County.....	1
		Oakland.....	2
		Orange County.....	1
		Ojai.....	1
		Pasadena.....	1
		San Bernardino.....	1
		San Bernardino County.....	1
		San Diego.....	2
		San Fernando.....	1
		San Francisco.....	2
		San Jose.....	1
		Santa Monica.....	3
		Santa Paula.....	1
		Shasta County.....	1
		Vallejo.....	1
		Scarlet fever.....	35
		Smallpox:	
		Los Angeles.....	25
		San Mateo.....	8
		Scattering.....	13
		Typhoid fever:	
		Santa Clara County.....	7
		Scattering.....	25
ARIZONA			
Measles.....	2		
Ophthalmia neonatorum.....	2		
Poliomyelitis.....	2		
Tuberculosis.....	3		
Typhoid fever.....	5		
ARKANSAS			
Cerebrospinal meningitis.....	1		
Chicken pox.....	14		
Hookworm disease.....	1		
Influenza.....	6		
Malaria.....	130		
Measles.....	9		
Mumps.....	11		
Ophthalmia neonatorum.....	1		
Paratyphoid fever.....	5		
Pellagra.....	21		
Scarlet fever.....	3		
Trachoma.....	2		
Tuberculosis.....	6		
Typhoid fever.....	42		
Whooping cough.....	9		

COLORADO		GEORGIA—continued	
(Exclusive of Denver)		Cases	
Chicken pox.....	1	Septic sore throat.....	3
Diphtheria.....	15	Smallpox.....	3
Impetigo contagiosa.....	1	Trachoma.....	2
Measles.....	4	Tuberculosis.....	25
Mumps.....	2	Typhoid fever.....	111
Pneumonia.....	2	Typhus fever.....	2
Scarlet fever.....	27	Whooping cough.....	26
Septic sore throat.....	1		
Tuberculosis.....	71	ILLINOIS	
Typhoid fever.....	17	Diphtheria:	
Whooping cough.....	33	Cook County.....	40
		Scattering.....	20
CONNECTICUT		Influenza.....	9
Chicken pox.....	8	Lethargic encephalitis:	
Diphtheria.....	17	Cook County.....	1
German measles.....	1	Fayette County.....	1
Lethargic encephalitis.....	1	Measles.....	92
Measles.....	23	Pneumonia.....	69
Mumps.....	4	Poliomyelitis:	
Pneumonia (all forms).....	16	Crawford County.....	1
Poliomyelitis.....	3	Fulton County.....	1
Scarlet fever.....	14	Lake County.....	1
Trichinosis.....	1	Madison County.....	1
Tuberculosis (all forms).....	26	Scarlet fever:	
Typhoid fever.....	11	Cook County.....	41
Whooping cough.....	74	Champaign County.....	6
		Greene County.....	7
DELAWARE		Scattering.....	17
Diphtheria.....	1	Smallpox:	
Malaria.....	7	Cook County.....	1
Measles.....	4	Jasper County.....	4
Scarlet fever.....	1	Scattering.....	2
Tuberculosis.....	6	Tuberculosis.....	210
Whooping cough.....	2	Typhoid fever:	
		Cook County.....	5
FLORIDA		Madison County.....	5
Cerebrospinal meningitis.....	1	Williamson County.....	6
Chicken pox.....	1	Scattering.....	46
Dengue.....	1	Whooping cough.....	205
Diphtheria.....	17		
Influenza.....	1	INDIANA	
Malaria.....	15	Chicken pox.....	1
Mumps.....	11	Diphtheria.....	14
Pneumonia.....	1	Influenza:	
Poliomyelitis.....	3	Delaware County.....	12
Smallpox.....	2	Hancock County.....	23
Tetanus.....	1	Kosciusko County.....	16
Tuberculosis.....	15	Randolph County.....	31
Typhoid fever.....	14	Scattering.....	11
Typhus fever.....	1	Measles.....	8
Whooping cough.....	21	Poliomyelitis—Jennings County.....	1
		Scarlet fever.....	17
GEORGIA		Smallpox.....	21
Cerebrospinal meningitis.....	1	Tuberculosis.....	55
Chicken pox.....	5	Typhoid fever.....	25
Conjunctivitis (acute infectious).....	4	Whooping cough.....	40
Diphtheria.....	13		
Dysentery.....	11	IOWA	
Hookworm disease.....	4	Diphtheria.....	4
Influenza.....	8	Poliomyelitis:	
Malaria.....	87	Charles City.....	1
Measles.....	1	Davenport.....	1
Mumps.....	10	Des Moines.....	1
Paratyphoid fever.....	1	Mason City.....	1
Pellagra.....	3	Muscatine.....	1
Pneumonia.....	15	Scarlet fever.....	10
Scarlet fever.....	8	Smallpox.....	1
		Typhoid fever.....	2

KANSAS		MASSACHUSETTS	
	Cases		Cases
Cerebrospinal meningitis—Winfield.....	1	Cerebrospinal meningitis (epidemic).....	2
Diphtheria.....	8	Chicken pox.....	18
Dysentery.....	1	Conjunctivitis (suppurative).....	7
German measles.....	1	Diphtheria.....	47
Measles.....	6	German measles.....	12
Mumps.....	20	Hookworm disease.....	1
Pellagra.....	1	Influenza.....	2
Pneumonia.....	5	Lethargic encephalitis.....	5
Poliomyelitis:		Measles.....	112
Burlingame.....	1	Mumps.....	8
Cunningham.....	1	Ophthalmia neonatorum.....	22
Kansas City.....	2	Pellagra.....	1
Topeka.....	1	Pneumonia (lobar).....	27
Wichita.....	1	Poliomyelitis.....	3
Scarlet fever.....	12	Scarlet fever.....	43
Septic sore throat.....	3	Septic sore throat.....	1
Tuberculosis.....	64	Tetanus.....	2
Typhoid fever.....	24	Trachoma.....	2
Vincent's angina.....	1	Tuberculosis (pulmonary).....	87
Whooping cough.....	41	Tuberculosis (other forms).....	18
		Typhoid fever.....	18
		Whooping cough.....	160
LOUISIANA		MICHIGAN	
Anthrax.....	1	Diphtheria.....	43
Diphtheria.....	11	Measles.....	43
Malaria.....	21	Pneumonia.....	27
Paratyphoid fever.....	6	Scarlet fever.....	74
Pneumonia.....	13	Smallpox.....	9
Scarlet fever.....	5	Tuberculosis.....	321
Smallpox.....	15	Typhoid fever.....	25
Tuberculosis.....	51	Whooping cough.....	120
Typhoid fever.....	93		
Whooping cough.....	20		
MAINE		MINNESOTA	
Chicken pox.....	9	Cerebrospinal meningitis.....	1
Diphtheria.....	3	Chicken pox.....	21
Mumps.....	11	Diphtheria.....	43
Pneumonia.....	1	Influenza.....	1
Scarlet fever.....	3	Measles.....	3
Tuberculosis.....	10	Pneumonia.....	2
Typhoid fever.....	2	Poliomyelitis.....	34
Vincent's angina.....	1	Scarlet fever.....	71
Whooping cough.....	3	Smallpox.....	4
		Tuberculosis.....	40
		Typhoid fever.....	12
		Whooping cough.....	36
MARYLAND ¹		MISSISSIPPI	
Chicken pox.....	2	Cerebrospinal meningitis.....	1
Diphtheria.....	13	Diphtheria.....	9
Dysentery.....	25	Poliomyelitis.....	1
German measles.....	2	Scarlet fever.....	5
Influenza.....	7	Smallpox.....	5
Lethargic encephalitis.....	1	Typhoid fever.....	105
Malaria.....	2		
Measles.....	26		
Mumps.....	11		
Paratyphoid fever.....	5		
Pneumonia (broncho).....	15		
Pneumonia (lobar).....	7		
Poliomyelitis.....	2		
Scarlet fever.....	7		
Tetanus.....	4		
Tuberculosis.....	62		
Typhoid fever.....	28		
Typhus fever.....	1		
Whooping cough.....	133		
		MISSOURI	
		Cerebrospinal meningitis.....	2
		Chicken pox.....	1
		Diphtheria.....	22
		Influenza.....	7
		Malaria.....	2
		Measles.....	13
		Mumps.....	10
		Ophthalmia neonatorum.....	1

¹ Week ended Friday.

MISSOURI—continued		OKLAHOMA	
	Cases	(Exclusive of Oklahoma and Tulsa)	Cases
Pneumonia.....	3	Chicken pox.....	1
Polioomyelitis.....	8	Diphtheria.....	2
Scarlet fever.....	31	Influenza.....	9
Septic sore throat.....	2	Malaria.....	29
Smallpox.....	1	Mumps.....	2
Tetanus.....	1	Pellagra.....	2
Trachoma.....	27	Scarlet fever.....	3
Tuberculosis.....	51	Typhoid fever:	
Typhoid fever.....	45	Johnson.....	8
Whooping cough.....	53	Scattering.....	50
		Whooping cough.....	9
MONTANA		OREGON	
Chicken pox.....	6	Cerebrospinal meningitis.....	1
Diphtheria.....	5	Chicken pox.....	7
Mumps.....	9	Diphtheria:	
Polioomyelitis—Bowdoin.....	1	Portland.....	16
Rocky Mountain spotted fever—Butte.....	1	Scattering.....	4
Scarlet fever.....	9	Measles.....	1
Smallpox.....	1	Mumps.....	6
Tuberculosis.....	8	Pneumonia.....	12
Typhoid fever.....	5	Scarlet fever.....	3
Whooping cough.....	14	Smallpox.....	2
		Tuberculosis.....	28
NEW JERSEY		Typhoid fever.....	7
Anthrax.....	1	Whooping cough.....	8
Cerebrospinal meningitis.....	4		
Chicken pox.....	14	SOUTH DAKOTA	
Diphtheria.....	53	Chicken pox.....	3
Influenza.....	3	Scarlet fever.....	10
Malaria.....	2	Tuberculosis.....	4
Measles.....	52	Typhoid fever.....	10
Pneumonia.....	27	Whooping cough.....	3
Polioomyelitis.....	16		
Scarlet fever.....	35	TEXAS	
Typhoid fever.....	23	Chicken pox.....	3
Whooping cough.....	151	Diphtheria.....	15
		Dysentery (epidemic).....	5
NEW MEXICO		Measles.....	3
Pneumonia.....	1	Mumps.....	11
Tuberculosis.....	27	Paratyphoid fever.....	2
Typhoid fever.....	4	Pellagra.....	4
		Pneumonia.....	9
NEW YORK		Polioomyelitis.....	1
(Exclusive of New York City)		Scarlet fever.....	3
Cerebrospinal meningitis.....	1	Smallpox.....	2
Diphtheria.....	100	Tuberculosis.....	26
Influenza.....	2	Typhoid fever.....	45
Lethargic encephalitis.....	4	Whooping cough.....	22
Measles.....	95		
Pneumonia.....	55	VERMONT	
Polioomyelitis.....	27	Chicken pox.....	4
Scarlet fever.....	60	Measles.....	6
Typhoid fever.....	23	Mumps.....	11
Whooping cough.....	171	Polioomyelitis.....	3
		Typhoid fever.....	1
NORTH CAROLINA		Whooping cough.....	8
Chicken pox.....	8		
Diphtheria.....	34	VIRGINIA	
Measles.....	2	Polioomyelitis:	
Polioomyelitis.....	8	Shenandoah County.....	1
Scarlet fever.....	13	Wythe County.....	1
Smallpox.....	5		
Typhoid fever.....	89		
Whooping cough.....	106		

¹ Deaths.

WASHINGTON		Cases
Chicken pox.....	33	
Diphtheria.....	14	
German measles.....	5	
Lethargic encephalitis.....	1	
Measles.....	5	
Mumps.....	21	
Poliomyelitis:		
King County.....	1	
Pierce County.....	2	
Skagit County.....	1	
Scarlet fever.....	11	
Smallpox.....	28	
Tuberculosis.....	5	
Typhoid fever.....	3	
Whooping cough.....	61	

WEST VIRGINIA		Cases
Diphtheria.....	3	
Influenza.....	2	
Poliomyelitis.....	1	
Scarlet fever.....	3	
Smallpox.....	1	
Typhoid fever.....	10	

WISCONSIN		Cases
Milwaukee:		
Chicken pox.....	13	
Diphtheria.....	14	
Measles.....	5	
Mumps.....	3	

WISCONSIN—continued		Cases
Milwaukee—Continued.		
Pneumonia.....	2	
Poliomyelitis.....	1	
Scarlet fever.....	4	
Smallpox.....	1	
Tuberculosis.....	29	
Whooping cough.....	59	
Scattering:		
Cerebrospinal meningitis.....	1	
Chicken pox.....	29	
Diphtheria.....	11	
German measles.....	5	
Influenza.....	6	
Measles.....	52	
Mumps.....	26	
Ophthalmia neonatorum.....	1	
Pneumonia.....	2	
Poliomyelitis.....	11	
Scarlet fever.....	40	
Smallpox.....	5	
Tuberculosis.....	25	
Typhoid fever.....	3	
Whooping cough.....	108	

WYOMING		Cases
Chicken pox.....	3	
Diphtheria.....	1	
Mumps.....	2	
Scarlet fever.....	2	
Smallpox.....	1	
Tuberculosis.....	1	

Reports for Week Ended July 25, 1925

NEBRASKA		Cases
Chicken pox.....	1	
Diphtheria.....	2	
Measles.....	2	
Mumps.....	1	
Poliomyelitis.....	1	
Scarlet fever.....	10	
Smallpox.....	4	
Tetanus.....	4	
Typhoid fever.....	3	
Whooping cough.....	7	

DISTRICT OF COLUMBIA		Cases
Diphtheria.....	4	
Measles.....	9	
Pneumonia.....	7	
Scarlet fever.....	3	
Tuberculosis.....	32	
Typhoid fever.....	1	
Whooping cough.....	20	

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State	Cerebrospinal meningitis	Diphtheria	Influenza	Malaria	Measles	Pellagra	Poliomyelitis	Scarlet fever	Smallpox	Typhoid fever
<i>June, 1925</i>										
Arkansas.....	1	11	63	543	78	150	5	12	10	169
Georgia.....	6	31	98	346	174	58		15	68	317
Iowa.....		38			17			42	59	4
Kansas.....	2	40	47	0	36	0	2	99	47	56
New Mexico.....	0	10	0	1	21	2	0	6	1	25
New York.....	17	1,353	102	7	3,807		22	1,222	83	191
South Carolina.....		115	447	1,647	25	4		20	101	518
South Dakota.....	1	11			10			88	10	6
Virginia.....	7	54	713	202	903	25	4	62	61	153
Washington.....	2	79	0	0	32	0	2	99	133	24

PLAGUE-ERADICATIVE MEASURES IN THE UNITED STATES

The following items were taken from the reports of plague-eradicative measures from the cities named:

Los Angeles, Calif.

Week ended July 18, 1925:

Number of rats trapped.....	1, 758
Number of rats found plague infected.....	0
Number of squirrels examined.....	855
Number of squirrels found plague infected.....	0

Date of discovery of last plague-infected rat, June 25, 1925.

Date of last human case, Jan. 15, 1925.

Oakland, Calif.

(Including other East Bay communities)

Week ended July 18, 1925:

Number of rats trapped.....	1, 211
Number of rats found to be plague infected.....	0
Number of squirrels examined.....	573
Number of squirrels found to be plague infected.....	0

Totals:

Number of rats trapped Jan. 1 to July 18, 1925.....	59, 677
Number of rats found to be plague infected.....	21
Number of squirrels examined May 1 to July 18, 1925.....	6, 196
Number of squirrels found to be plague infected.....	0

Date of discovery of last plague-infected rat, Mar. 4, 1925.

Date of last human case, Sept. 10, 1919.

New Orleans, La.

Week ended July 18, 1925:

Number of vessels inspected.....	235
Number of inspections made.....	653
Number of vessels fumigated with cyanide gas.....	12
Number of rodents examined for plague.....	3, 321
Number of rodents found to be plague infected.....	0

Totals, Dec. 5, 1924, to July 18, 1925:

Number of rodents examined for plague.....	144, 324
Number of rodents found to be plague infected.....	12

Date of discovery of last plague-infected rat, Jan. 17, 1925.

Date of last human case occurring in New Orleans, Aug. 20, 1920.

GENERAL CURRENT SUMMARY AND WEEKLY REPORTS FROM CITIES

Diphtheria.—For the week ended July 18, 1925, 35 States reported 768 cases of diphtheria. For the week ended July 19, 1924, the same States reported 1,066 cases of this disease. One hundred cities, situated in all parts of the country, and having an aggregate population of nearly 28,550,000, reported 434 cases of diphtheria for the week ended July 18, 1925. Last year for the corresponding week they reported 646 cases. The estimated expectancy for these cities was 649 cases. The estimated expectancy is based on the experience of the last nine years, excluding epidemics.

Measles.—Thirty-two States reported 1,405 cases of measles for the week ended July 18, 1925, and 1,821 cases of this disease for the week ended July 19, 1924. One hundred cities reported 850 cases of measles for the week this year, and 668 cases last year.

Poliomyelitis.—In several States an increase in the number of cases of poliomyelitis has been reported. Thirty-five States reported 145 cases of this disease for the week ended July 18, 1925, and 32 cases for the corresponding week last year. States reporting considerable increases over last year are as follows:

State	Week ended—	
	July 18, 1925	July 19, 1924
California.....	41	2
Minnesota.....	19	1
New Jersey.....	7	0
New York.....	29	10
North Dakota.....	11	0
Wisconsin.....	13	0

Scarlet fever.—Scarlet fever was reported for the week as follows: 35 States—this year, 751 cases; last year, 947 cases; 100 cities—this year, 335 cases; last year, 437 cases; estimated expectancy, 336 cases.

Smallpox.—For the week ended July 18, 1925, 35 States reported 254 cases of smallpox. Last year, for the corresponding week, they reported 405 cases. One hundred cities reported smallpox for the week as follows: 1925, 82 cases; 1924, 158 cases; estimated expectancy, 58 cases. Three deaths from smallpox were reported by these cities for the week this year—two at Milwaukee, Wis., and one at Los Angeles, Calif.

Typhoid fever.—Eight hundred and sixty-five cases of typhoid fever were reported for the week ended July 18, 1925, by 34 States. For the corresponding week of 1924 the same States reported 666 cases. One hundred cities reported 206 cases of typhoid fever for the week this year, and 195 cases for the corresponding week last year. The estimated expectancy for these cities was 149 cases.

Influenza and pneumonia.—Deaths from influenza and pneumonia (combined) were reported for the week by 100 cities as follows: 1925, 315 deaths; 1924, 309 deaths.

City reports for week ended July 18, 1925

The "estimated expectancy" given for diphtheria, poliomyelitis, scarlet fever, smallpox, and typhoid fever is the result of an attempt to ascertain from previous occurrence how many cases of the disease under consideration may be expected to occur during a certain week in the absence of epidemics. It is based on reports to the Public Health Service during the past nine years. It is in most instances the median number of cases reported in the corresponding week of the preceding years. When the reports include several epidemics or when for other reasons the median is unsatisfactory, the epidemic periods are excluded and the estimated expectancy is the mean number of cases reported for the week during nonepidemic years.

If reports have not been received for the full nine years, data are used for as many years as possible, but no year earlier than 1915 is included. In obtaining the estimated expectancy, the figures are smoothed when necessary to avoid abrupt deviations from the usual trend. For some of the diseases given in the table the available data were not sufficient to make it practicable to compute the estimated expectancy.

Division, State, and city	Population July 1, 1923, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
NEW ENGLAND									
Maine:									
Portland	73,129	0	1	0	0	0	2	0	0
New Hampshire:									
Concord	22,408	0	1	0	0	0	0	0	1
Manchester	81,383	0	1	0	0	0	0	0	0
Vermont:									
Barre	110,008	0	0	0	0	0	0	0	1
Massachusetts:									
Boston	770,400	17	41	14	0	0	52	6	10
Fall River	120,912	1	2	2	0	0	13	1	0
Springfield	144,227	1	2	1	0	0	0	1	1
Worcester	191,927	2	2	0	0	0	15	0	4
Rhode Island:									
Pawtucket	68,799	0	1	0	0	0	1	0	0
Providence	242,378	0	6	3	0	0	17	0	0
Connecticut:									
Bridgeport	1143,535	1	4	2	0	0	3	0	1
Hartford	1138,036	0	4	3	0	0	0	0	1
New Haven	172,967	2	2	0	0	0	2	1	1
MIDDLE ATLANTIC									
New York:									
Buffalo	536,718	5	0	5	1	0	49	1	5
New York	5,927,625	60	184	119	2	3	97	19	76
Rochester	317,867	5	4	3		0	46	5	4
Syracuse	184,511	14	4	1		0	4	10	1
New Jersey:									
Camden	124,157		2						
Newark	438,699	10	10	8	1	0	49	0	3
Trenton	127,390	1	3	1	0	0	2	0	0
Pennsylvania:									
Philadelphia	1,922,788	17	40	45		0	74	2	18
Pittsburgh	613,442	4	13	7		0	49	0	15
Reading	110,917	0	1	1	0	0	14	6	1
Scranton	140,636	1	2	4	0	0	1	0	3
EAST NORTH CENTRAL									
Ohio:									
Cincinnati	406,312	1	7	2	0	0	0	1	3
Cleveland	888,519	47	17	18	2	2	29	2	6
Columbus	261,082	3	2	0	0	0	3	1	1
Toledo	268,338	30	4	3		0	19	0	2
Indiana:									
Fort Wayne	93,573	0	2	4	0	0	3	0	0
Indianapolis	342,718	4	5	1		0	10	2	4
South Bend	76,709	1	0	1	0	0	2	0	0
Terre Haute	68,939	1	0	0	0	0	2	0	0
Illinois:									
Chicago	2,886,121	41	78	37	4	2	131	11	23
Cicero	55,968		2						
Springfield	61,833	0	0	0	0	0	4	3	1
Michigan:									
Detroit	995,668	21	36	21	3	0	11	1	17
Flint	117,968	1	3	1	0	0	4	0	1
Grand Rapids	145,947	0	3	1	0	0	15	0	0

¹ Population Jan. 1, 1920.

City reports for week ended July 18, 1925—Continued

Division, State, and city	Population July 1, 1923, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
EAST NORTH CENTRAL—continued									
Wisconsin:									
Madison.....	42,519	3	0	0	0	0	10	1	0
Milwaukee.....	484,595	15	9	11	0	0	32	12	6
Racine.....	64,393	1	1	1	0	0	0	2	0
Superior.....	139,671	0	1	0	0	0	0	0	1
WEST NORTH CENTRAL									
Minnesota:									
Duluth.....	106,289	17	1	0	0	0	1	0	4
Minneapolis.....	409,125	42	9	20	0	0	0	0	2
St. Paul.....	241,891	31	10	4	0	0	2	1	4
Iowa:									
Davenport.....	61,202	0	0	0	0	0	0	0	0
Des Moines.....	140,923	0	2	0	0	0	0	0	0
Sioux City.....	79,662	1	1	0	0	0	0	0	0
Waterloo.....	39,667	1	0	0	0	0	1	1	0
Missouri:									
Kansas City.....	351,819	0	4	0	0	0	2	3	9
St. Joseph.....	78,232	0	1	0	0	0	0	0	1
St. Louis.....	803,853	5	23	15	0	0	6	0	0
North Dakota:									
Fargo.....	24,841	0	1	0	0	0	0	3	0
Grand Forks.....	14,547	0	0	0	0	0	0	0	0
South Dakota:									
Aberdeen.....	15,829	0	0	1	0	0	0	0	0
Sioux Falls.....	29,206	0	1	1	0	0	0	0	0
Nebraska:									
Lincoln.....	58,761	1	0	0	0	0	0	0	0
Omaha.....	204,382	1	4	1	0	0	0	0	3
Kansas:									
Topeka.....	52,555	1	0	0	0	0	0	2	1
Wichita.....	79,261	0	1	0	0	0	2	0	1
SOUTH ATLANTIC									
Delaware:									
Wilmington.....	117,728	0	1	1	0	0	21	0	1
Maryland:									
Baltimore.....	773,580	14	8	7	1	1	23	19	7
Cumberland.....	32,361	0	0	0	0	0	0	0	0
Frederick.....	11,301	0	0	0	0	0	0	0	0
District of Columbia:									
Washington.....	1,437,571	3	4	7	0	0	13	0	4
Virginia:									
Lynchburg.....	30,277	1	0	0	0	0	0	4	0
Norfolk.....	159,089	1	0	0	0	0	0	1	1
Richmond.....	181,044	1	1	4	0	0	7	3	1
Roanoke.....	55,502	0	1	0	0	0	4	1	1
West Virginia:									
Charleston.....	45,597	0	0	0	1	1	2	0	0
Huntington.....	57,918	0	0	0	0	0	0	0	0
Wheeling.....	156,208	0	0	0	0	0	1	0	1
North Carolina:									
Raleigh.....	29,171	0	0	1	0	0	0	0	1
Wilmington.....	35,719	0	0	0	0	0	0	1	0
Winston-Salem.....	56,230	0	0	0	0	0	1	1	2
South Carolina:									
Charleston.....	71,245	0	0	3	0	0	0	0	0
Columbia.....	39,688	0	0	0	0	0	0	0	0
Greenville.....	25,789	1	0	0	0	0	0	0	0
Georgia:									
Atlanta.....	222,963	0	2	3	1	0	0	0	3
Brunswick.....	15,937	0	0	0	0	0	0	0	0
Savannah.....	89,448	0	0	0	0	0	1	0	3
Florida:									
St. Petersburg.....	24,403	0	0	0	0	0	0	0	0
Tampa.....	56,050	0	0	0	8	0	0	0	0

¹ Population Jan. 1, 1920.

City reports for week ended July 18, 1925—Continued

Division, State, and city	Population July 1, 1923, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
EAST SOUTH CENTRAL									
Kentucky:									
Covington.....	57,877	0	1	0	0	0	0	0	0
Louisville.....	257,671	0	2	1	0	0	2	0	4
Tennessee:									
Memphis.....	170,067	0	1	1	0	0	7	1	3
Nashville.....	121,128	0	1	0	0	0	4	1	2
Alabama:									
Birmingham.....	195,901	3	1	0	0	0	1	1	2
Mobile.....	63,888	0	0	0	0	0	0	0	2
Montgomery.....	45,383	2	0	0	0	0	0	0	0
WEST SOUTH CENTRAL									
Arkansas:									
Fort Smith.....	30,635	0	0	0	0	0	0	2	0
Little Rock.....	70,916	0	1	0	0	0	0	0	0
Louisiana:									
New Orleans.....	404,575	0	5	2	2	2	0	0	10
Shreveport.....	54,590	0	0	0	0	0	0	0	0
Oklahoma:									
Oklahoma.....	101,150	0	0	0	0	0	0	0	1
Tulsa.....	102,018	0	1	1	0	0	0	0	0
Texas:									
Dallas.....	177,274	0	2	1	0	0	0	0	0
Galveston.....	46,877	0	0	1	0	0	0	0	1
Houston.....	154,970	1	2	0	0	0	0	0	3
San Antonio.....	184,727	0	1	0	0	0	0	0	1
MOUNTAIN									
Montana:									
Billings.....	16,927	2	0	0	0	0	0	2	0
Great Falls.....	27,787	0	0	0	0	0	0	2	0
Helena.....	12,037	1	0	0	0	0	0	0	0
Missoula.....	12,668	0	0	0	0	0	0	0	0
Idaho:									
Boise.....	22,806	0	0	0	0	0	0	0	0
Colorado:									
Denver.....	272,031	8	7	10	0	0	3	5	5
Pueblo.....	43,519	0	1	2	0	0	0	0	1
New Mexico:									
Albuquerque.....	16,648	0	1	1	0	0	0	5	0
Arizona:									
Phoenix.....	33,899	0	0	0	0	0	2	0	0
Utah:									
Salt Lake City.....	126,241	9	2	1	0	0	0	12	3
Nevada:									
Reno.....	12,429	0	0	0	0	0	0	0	0
PACIFIC									
Washington:									
Seattle.....	1315,085	9	4	0	0	0	0	9	0
Spokane.....	104,573	11	1	3	0	0	0	0	0
Tacoma.....	101,731	3	1	8	0	0	2	1	1
California:									
Los Angeles.....	666,853	12	31	18	0	0	17	13	7
Sacramento.....	69,950	0	2	2	0	1	0	0	0
San Francisco.....	539,088	11	13	3	0	0	3	4	3

1 Population Jan. 1, 1920.

City reports for week ended July 18, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis, deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expect- ancy	Cases re- ported	Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		
NEW ENGLAND											
Maine:											
Portland.....	1	0	0	0	0	0	1	0	0	1	24
New Hampshire:											
Concord.....	0	0	0	0	0	1	0	0	0	0	5
Manchester.....	0	1	0	0	0	1	0	0	0	0	20
Vermont:											
Barre.....	0	0	0	0	0	1	0	0	0	0	4
Massachusetts:											
Boston.....	19	19	0	0	0	21	2	4	1	36	167
Fall River.....	1	2	0	0	0	3	1	6	0	0	27
Springfield.....	2	3	0	0	0	1	0	0	0	5	23
Worcester.....	2	0	0	0	0	2	0	1	0	12	38
Rhode Island:											
Pawtucket.....	0	0	0	1	0	0	0	0	0	0	13
Providence.....	3	2	0	0	0	3	0	1	0	1	49
Connecticut:											
Bridgeport.....	2	2	1	0	0	2	0	0	0	0	28
Hartford.....	2	2	0	0	0	1	1	0	0	10	29
New Haven.....	1	2	0	0	0	0	2	1	0	15	25
MIDDLE ATLANTIC											
New York:											
Buffalo.....	10	8	0	0	0	7	1	1	0	18	102
New York.....	56	30	0	0	0	190	22	43	1	116	1,168
Rochester.....	4	3	0	2	0	5	0	1	0	7	60
Syracuse.....	4	0	0	0	0	0	1	0	0	13	26
New Jersey:											
Camden.....	1		0				1				
Newark.....	7	2	0	0	0	2	1	0	0	54	92
Trenton.....	1	2	0	0	0	5	1	0	0	3	37
Pennsylvania:											
Philadelphia.....	24	25	0	0	0	32	8	5	0	54	383
Pittsburgh.....	10	16	0	0	0	20	3	0	0	21	167
Reading.....	0	3	0	0	0	0	1	0	0	23	23
Scranton.....	0	0	0	0	0	0	1	5	0	3	
EAST NORTH CENTRAL											
Ohio:											
Cincinnati.....	4	1	1	0	0	9	1	2	0	9	122
Cleveland.....	9	12	1	0	0	16	2	0	0	81	150
Columbus.....	2	1	1	2	0	3	1	0	0	16	58
Toledo.....	6	4	1	2	0	6	1	0	0	12	58
Indiana:											
Fort Wayne.....	1	0	1	0	0	0	0	0	0	0	21
Indianapolis.....	3	2	1	2	0	7	1	1	0	44	93
South Bend.....	1	1	0	0	0	0	1	0	0	1	11
Terre Haute.....	0	1	0	1	0	1	0	0	0	0	9
Illinois:											
Chicago.....	33	28	1	4	0	48	4	8	1	94	562
Cicero.....	1		0				0				
Springfield.....	0	0	0	0	0	0	1	0	0	0	19
Michigan:											
Detroit.....	27	27	5	1	0	15	4	5	0	93	220
Flint.....	1	1	0	0	0	0	0	0	0	1	21
Grand Rapids.....	2	8	0	0	0	1	0	0	0	8	38
Wisconsin:											
Madison.....	1	1	1	0	0	0	0	0	0	5	2
Milwaukee.....	15	5	2	2	2	12	1	0	0	39	97
Racine.....	1	0	0	0	0	2	0	0	0	10	10
Superior.....	1	2	2	1	0	2	0	0	0	0	10
WEST NORTH CENTRAL											
Minnesota:											
Duluth.....	1	7	2	0	0	4	0	0	0	3	20
Minneapolis.....	9	16	3	0	0	4	0	0	0	1	88
St. Paul.....	6	10	2	4	0	0	1	0	0	17	44
Iowa:											
Davenport.....	0	0	0	2			0	0		0	
Des Moines.....	2	4	1	2			0	0		0	
Sioux City.....	1	0	1	1			0	0		0	
Waterloo.....	1	0	0	0			0	0		11	

City reports for week ended July 18, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis, deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expec- tancy	Cases re- ported	Cases, esti- mated expec- tancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expec- tancy	Cases re- ported	Deaths re- ported		
WEST NORTH CENTRAL—cont											
Missouri:											
Kansas City.....	2	3	1	0	0	7	2	9	0	25	83
St. Joseph.....	1	0	1	0	0	3	0	0	0	1	33
St. Louis.....	7	14	1	1	0	14	5	9	1	23	186
North Dakota:											
Fargo.....	1	2	0	0	0	0	0	0	0	11	3
Grand Forks.....	1		0				0				
South Dakota:											
Aberdeen.....	0	0	0	1			0	0		2	
Sioux Falls.....	0	0	0	0			0	0		0	5
Nebraska:											
Lincoln.....	0	0	0	0	0	0	1	1	0	13	11
Omaha.....	1	0	2	2	0	0	0	1	0	3	63
Kansas:											
Topeka.....	1	0	0	0	0	0	1	1	0	3	1
Wichita.....	0	0	2	0	0	0	1	1	0	20	16
SOUTH ATLANTIC											
Delaware:											
Wilmington.....	1	0	0	0	0	1	1	1	0	5	16
Maryland:											
Baltimore.....	8	3	0	0	0	16	6	7	0	95	203
Cumberland.....	1	0	0	0	0	2	0	0	0	0	5
Frederick.....	0	0	0	0	0	0	0	0	0	2	2
District of Colum- bia:											
Washington.....	4	4	0	0	0	9	4	3	2	17	104
Virginia:											
Lynchburg.....	0	4	0	0	0	0	0	1	0	4	15
Norfolk.....	1	0	0	0	0	0	2	0	0	2	
Richmond.....	1	4	0	0	0	4	2	3	1	11	48
Roanoke.....	0	0	0	1	0	2	2	2	0	0	21
West Virginia:											
Charleston.....	0	1	0	3	0	0	2	1	0	3	16
Huntington.....	0	0	0	1			1	1		0	
Wheeling.....	1	3	0	0	0	1	0	0	0	0	20
North Carolina:											
Raleigh.....	0	1	0	0	0	1	1	0	0	2	12
Wilmington.....	0	0	0	0	0	1	1	1	0	2	9
Winston-Salem.....	0	0	1	0	0	3	3	0	0	16	27
South Carolina:											
Charleston.....	0	0	0	0	0	2	2	1	0	0	28
Columbia.....	0		1				1				
Greenville.....	0	0	0	0			1	2		3	6
Georgia:											
Atlanta.....	2	2	4	0	0	8	3	2	3	3	74
Brunswick.....	0	0	0	0	0	0	1	2	0	0	3
Savannah.....	0	0	0	0	0	3	2	0	0	0	34
Florida:											
St. Petersburg.....	0	0	0	0	0	0	0	0	0	0	2
Tampa.....	0	1	0	0	0	2	0	0	1	1	19
EAST SOUTH CENTRAL											
Kentucky:											
Covington.....	0	0	0	0	0	1	0	0	2	0	21
Louisville.....	1	1	0	0	0	5	5	6	2	3	65
Tennessee:											
Memphis.....	0	0	1	1	0	2	4	17	1	7	59
Nashville.....	0	0	1	3	0	2	5	8	1	5	62
Alabama:											
Birmingham.....	1	13	0	3	0	4	4	5	0	6	57
Mobile.....	0	0	1	1	0	0	0	1	0	0	21
Montgomery.....	0	0	1	0	0	0	1	2	0	0	3

City reports for week ended July 18, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expect- ancy	Cases re- ported	Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		
WEST SOUTH CEN- TRAL											
Arkansas:											
Fort Smith.....	1	0	0	0			1	4		10	
Little Rock.....	0	0	1	0	0	2	2	9	0	1	
Louisiana:											
New Orleans.....	1	3	1	0	0	7	4	10	4	23	136
Shreveport.....	0	0	0	1	0	1	0	1	2	2	25
Oklahoma:											
Oklahoma.....	1	2	1	0	0	4	2	4	0	3	23
Tulsa.....	1	1	0	0	0	0	3	6	0		
Texas:											
Dallas.....	2	0	1	0	0	4	4	1	2		58
Galveston.....	0	0	0	0	0	0	0	0	0	0	13
Houston.....	1	1	0	2	0	4	1	4	0		40
San Antonio.....	0	1	0	0	0	10	1	0	1		53
MOUNTAIN											
Montana:											
Billings.....	1	0	0	0	0	2	0	0	0	0	14
Great Falls.....	0	3	0	0	0	0	1	0	0	2	8
Helena.....	0	0	0	0	0	0	0	0	0	0	2
Missoula.....	0	0	1	0	0	0	0	0	0	0	5
Idaho:											
Boise.....	1	0	1	2	0	0	0	0	0	2	2
Colorado:											
Denver.....	5	4	4	0	0	8	2	2	0	14	80
Pueblo.....	0	0	0	0	0	0	0	0	0	0	14
New Mexico:											
Albuquerque.....	0	0	0	0	0	3	1	0	0	1	14
Arizona:											
Phoenix.....		0		0	0	6		0	0	1	23
Utah:											
Salt Lake City.....	2	2	1	0	0	0	1	0	1	11	28
Nevada:											
Reno.....	0	0	0	0	0	0	0	0	0	0	9
PACIFIC											
Washington:											
Seattle.....	4	1	2	10			1	1		40	
Spokane.....	2	9	3	1			0	5		25	
Tacoma.....	1	0	1	1	0	0	1	1	0	7	23
California:											
Los Angeles.....	7	7	1	25	1	28	4	4	0	47	215
Sacramento.....	1	0	0	0	0	3	2	0	0	2	21
San Francisco.....	6	4	0	4	0	10	2	0	0	11	119

Division, State and city	Cerebrospinal meningitis		Lethargic encephalitis		Pellagra		Polio-myelitis (infantile paralysis)			Typhus fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases, estimated expectancy	Cases	Deaths	Cases	Deaths
NEW ENGLAND											
Massachusetts:											
Boston.....	1	1	1	1	0	0	0	2	0	0	0
Rhode Island:											
Providence.....	0	0	0	0	0	0	0	2	0	0	0
MIDDLE ATLANTIC											
New York:											
Buffalo.....	1	2	0	0	0	0	0	0	0	0	0
New York.....	1	1	6	1	0	0	4	11	5	0	0
Newark.....	1	0	1	0	0	0	1	2	0	0	0

City reports for week ended July 18, 1925—Continued

Division, State and city	Cerebrospinal meningitis		Lethargic encephalitis		Pellagra		Poliomyelitis (infantile paralysis)			Typhus fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases, estimated expectancy	Cases	Deaths	Cases	Deaths
MIDDLE ATLANTIC—CON.											
Pennsylvania:											
Philadelphia.....	0	0	1	0	0	0	0	2	0	0	0
Pittsburgh.....	0	0	0	0	0	0	0	1	0	0	0
Reading.....	0	0	0	0	0	0	0	1	0	0	0
EAST NORTH CENTRAL											
Indiana:											
Indianapolis.....	1	0	0	0	0	0	0	0	0	0	0
Illinois:											
Chicago.....	0	0	1	0	0	0	2	3	0	0	0
Michigan:											
Detroit.....	0	0	0	0	0	0	1	3	1	0	0
WEST NORTH CENTRAL											
Minnesota:											
Duluth.....	0	1	0	0	0	0	0	0	0	0	0
Iowa:											
Des Moines.....	0	0	0	0	0	0	0	1	0	0	0
Missouri:											
Kansas City.....	0	0	0	0	0	0	0	3	1	0	0
St. Joseph.....	0	0	0	0	0	2	0	0	0	0	0
SOUTH ATLANTIC											
Maryland:											
Baltimore.....	0	1	0	0	1	1	1	2	0	0	0
District of Columbia:											
Washington.....	0	0	0	0	1	0	0	0	0	0	0
Virginia:											
Lynchburg.....	0	0	0	0	0	1	0	0	0	0	0
Richmond.....	0	0	0	1	0	0	0	1	0	0	0
South Carolina:											
Charleston.....	0	0	0	0	0	3	0	1	0	0	0
West Virginia:											
Charleston.....	1	1	0	0	0	0	0	0	0	0	0
Georgia:											
Atlanta.....	0	0	0	0	1	1	0	0	0	0	0
Savannah.....	0	0	0	0	1	1	0	0	0	0	0
EAST SOUTH CENTRAL											
Alabama:											
Birmingham.....	0	0	0	0	1	0	0	3	0	0	0
WEST SOUTH CENTRAL											
Arkansas:											
Little Rock.....	0	0	0	0	1	0	0	0	0	0	0
Louisiana:											
New Orleans.....	0	0	0	0	3	2	0	0	0	0	0
Shreveport.....	0	0	0	0	0	1	0	0	0	0	0
Texas:											
Dallas.....	0	0	0	0	0	0	0	1	0	0	0
Galveston.....	0	0	0	0	0	1	0	0	0	0	0
Houston.....	0	0	0	0	0	1	0	1	0	0	0
San Antonio.....	2	1	0	0	0	0	0	0	0	0	0
MOUNTAIN											
Montana:											
Great Falls.....	0	0	0	1	0	0	0	0	0	0	0
Colorado:											
Denver.....	0	0	0	0	0	1	0	0	0	0	0
Arizona:											
Phoenix.....	0	0	0	0	1	1	0	0	0	0	0
PACIFIC											
California:											
Los Angeles.....	0	0	1	0	1	1	0	22	2	0	0
San Francisco.....	0	0	1	0	0	1	0	1	1	0	0

The following table gives the rates per hundred thousand population for 105 cities for the 10-week period ended July 18, 1925. The population figures used in computing the rates were estimated as of July 1, 1923, as this is the latest date for which estimates are available. The 105 cities reporting cases had an estimated aggregate population of nearly 29,000,000 and the 97 cities reporting deaths had more than 28,000,000 population. The number of cities included in each group and the aggregate populations are shown in a separate table below.

*Summary of weekly reports from cities, May 10 to July 18, 1925—Annual rates per 100,000 population*¹

DIPHTHERIA CASE RATES

	Week ended—									
	May 16	May 23	May 30	June 6	June 13	June 20	June 27	July 4	July 11	July 18
105 cities.....	² 164	153	³ 149	158	120	119	⁴ 116	⁵ 93	⁶ 97	⁷ 79
New England.....	154	127	114	129	94	97	127	117	62	⁸ 82
Middle Atlantic.....	238	203	211	244	156	166	163	96	127	⁹ 97
East North Central.....	110	108	106	99	95	93	¹⁰ 94	¹¹ 87	¹² 89	¹³ 73
West North Central.....	211	251	197	189	145	133	114	131	¹⁴ 97	¹⁵ 85
South Atlantic.....	85	87	¹⁶ 77	91	57	51	73	41	55	¹⁷ 54
East South Central.....	34	40	11	11	11	6	34	6	23	11
West South Central.....	56	42	65	42	70	74	46	60	42	¹⁸ 28
Mountain.....	153	134	143	76	181	191	105	181	105	124
Pacific.....	¹⁹ 138	165	168	145	165	113	107	²⁰ 145	125	²¹ 99

MEASLES CASE RATES

	² 624	601	³ 593	619	582	434	⁴ 303	⁵ 228	⁶ 194	⁷ 158
105 cities.....										
New England.....	1,188	1,051	867	872	892	634	497	350	283	261
Middle Atlantic.....	768	617	704	774	727	544	382	258	249	⁸ 197
East North Central.....	854	954	913	893	844	592	⁹ 404	¹⁰ 321	¹¹ 225	¹² 191
West North Central.....	79	236	145	114	135	87	60	31	¹³ 37	¹⁴ 29
South Atlantic.....	329	327	¹⁵ 266	410	297	349	278	262	211	¹⁶ 151
East South Central.....	166	337	217	132	212	114	132	97	120	¹⁷ 80
West South Central.....	14	23	14	23	14	19	5	5	0	0
Mountain.....	57	181	248	38	95	76	95	38	57	29
Pacific.....	¹⁸ 178	131	165	165	87	84	82	¹⁹ 37	41	64

SCARLET FEVER CASE RATES

	² 352	307	³ 278	267	174	165	⁴ 117	⁵ 96	⁶ 89	⁷ 84
105 cities.....										
New England.....	358	350	211	266	179	142	107	112	147	80
Middle Atlantic.....	331	265	271	263	156	145	100	79	81	⁸ 46
East North Central.....	399	413	346	317	204	217	⁹ 137	¹⁰ 122	¹¹ 97	¹² 67
West North Central.....	728	556	531	481	325	328	184	168	¹³ 136	¹⁴ 108
South Atlantic.....	165	146	¹⁵ 122	130	61	61	45	39	45	¹⁶ 47
East South Central.....	326	246	183	126	100	160	91	74	126	80
West South Central.....	74	23	65	88	46	37	56	46	9	23
Mountain.....	353	324	410	334	277	143	210	105	153	86
Pacific.....	¹⁷ 197	162	139	151	162	116	107	¹⁸ 71	52	61

¹ The figures given in this table are rates per 100,000 population, annual basis, and not the number of cases reported. Populations used are estimated as of July 1, 1923.

² Tacoma, Wash., not included. Report not received at time of going to press.

³ Charleston, W. Va., not included.

⁴ Cicero, Ill., not included.

⁵ Cicero, Ill., and Spokane, Wash., not included.

⁶ Cicero, Ill., and Duluth, Minn., not included.

⁷ Camden, N. J., Cicero, Ill., Grand Forks, N. Dak., and Columbia, S. C., not included.

⁸ Camden, N. J., not included.

⁹ Duluth, Minn., not included.

¹⁰ Grand Forks, N. Dak., not included.

¹¹ Columbia, S. C., not included.

¹² Spokane, Wash., not included.

Summary of weekly reports from cities, May 10 to July 18, 1925—Annual rate per 100,000 population—Continued

SMALLPOX CASE RATES

	Week ended—									
	May 16	May 23	May 30	June 6	June 13	June 20	June 27	July 4	July 11	July 18
105 cities.....	² 46	60	³ 48	46	37	36	⁴ 25	⁵ 14	⁶ 17	⁷ 15
New England.....	0	0	0	0	0	0	0	0	2	2
Middle Atlantic.....	7	2	2	4	2	1	0	1	0	⁸ 1
East North Central.....	56	70	58	65	42	45	⁴ 20	⁴ 14	⁶ 12	⁴ 10
West North Central.....	79	68	70	95	52	60	37	17	⁹ 22	¹¹ 17
South Atlantic.....	37	65	³ 10	39	22	30	18	10	24	¹² 8
East South Central.....	189	440	423	114	297	200	132	63	80	46
West South Central.....	37	130	56	32	5	19	0	5	5	14
Mountain.....	29	29	57	38	29	19	29	29	19	19
Pacific.....	² 191	186	168	191	148	154	171	¹³ 89	102	119

TYPHOID FEVER CASE RATES

105 cities.....	² 13	19	³ 16	25	28	22	⁴ 27	⁵ 35	⁶ 35	⁷ 38
New England.....	12	25	17	30	25	20	17	22	25	32
Middle Atlantic.....	10	19	9	26	17	14	18	15	17	⁸ 26
East North Central.....	6	5	7	10	10	4	⁹ 9	¹⁰ 10	⁴ 14	⁴ 12
West North Central.....	0	4	10	8	25	12	10	21	⁹ 45	¹⁰ 44
South Atlantic.....	25	39	³ 41	41	65	49	71	69	59	¹¹ 54
East South Central.....	63	74	51	40	120	80	91	200	177	223
West South Central.....	79	65	74	88	116	130	148	246	185	134
Mountain.....	0	19	10	76	48	38	0	10	29	19
Pacific.....	² 3	6	9	9	15	6	20	¹² 22	17	32

INFLUENZA DEATH RATES

105 cities.....	14	14	³ 12	11	7	6	⁴ 6	⁴ 4	⁶ 2	¹² 2
New England.....	7	5	7	2	5	2	7	2	0	0
Middle Atlantic.....	12	11	9	11	6	4	6	2	2	⁸ 2
East North Central.....	11	12	14	10	7	7	⁶ 6	⁵ 5	² 2	⁴ 3
West North Central.....	11	18	18	4	9	7	4	0	⁹ 0	0
South Atlantic.....	10	6	³ 12	6	4	6	2	6	0	¹¹ 4
East South Central.....	80	86	40	54	17	34	17	11	17	0
West South Central.....	20	24	31	5	20	10	10	10	10	10
Mountain.....	57	19	0	29	10	0	10	0	0	0
Pacific.....	12	25	8	12	4	4	4	4	0	4

PNEUMONIA DEATH RATES

105 cities.....	127	128	³ 117	128	104	81	⁴ 66	⁴ 58	⁶ 61	¹³ 57
New England.....	134	119	114	72	117	62	60	45	45	50
Middle Atlantic.....	143	144	146	168	130	93	75	62	64	⁸ 63
East North Central.....	125	125	119	114	89	81	⁴ 42	⁴ 45	⁴ 59	⁴ 47
West North Central.....	58	79	59	57	59	33	50	42	⁹ 39	55
South Atlantic.....	136	134	³ 157	146	122	77	96	75	67	¹¹ 52
East South Central.....	166	137	172	126	63	103	120	97	91	74
West South Central.....	112	84	76	66	87	92	76	61	61	76
Mountain.....	162	172	76	95	105	143	57	67	76	86
Pacific.....	78	135	82	131	49	65	53	82	74	45

² Tacoma, Wash., not included. Report not received at time of going to press.³ Charleston, W. Va., not included.⁴ Cicero, Ill., not included.⁵ Cicero, Ill., and Spokane, Wash., not included.⁶ Cicero, Ill., and Duluth, Minn., not included.⁷ Camden, N. J., Cicero, Ill., Grand Forks, N. Dak., and Columbia, S. C., not included.⁸ Camden, N. J., not included.⁹ Duluth, Minn., not included.¹⁰ Grand Forks, N. Dak., not included.¹¹ Columbia, S. C., not included.¹² Spokane, Wash., not included.¹³ Camden, N. J., Cicero, Ill., and Columbia, S. C., not included.

Number of cities included in summary of weekly reports and aggregate population of cities in each group, estimated as of July 1, 1923

Group of cities	Number of cities reporting cases	Number of cities reporting deaths	Aggregate population of cities reporting cases	Aggregate population of cities reporting deaths
Total.....	105	97	28,898,350	28,140,934
New England.....	12	12	2,098,746	2,098,746
Middle Atlantic.....	10	10	10,304,114	10,304,114
East North Central.....	17	17	7,032,535	7,032,535
West North Central.....	14	11	2,515,330	2,381,454
South Atlantic.....	22	22	2,566,901	2,566,901
East South Central.....	7	7	911,885	911,885
West South Central.....	8	6	1,124,564	1,023,013
Mountain.....	9	9	546,445	546,445
Pacific.....	6	3	1,797,830	1,275,841

FOREIGN AND INSULAR

THE FAR EAST

Report for the week ended July 11, 1925.—The following report for the week ended July 11, 1925, was transmitted by the far eastern bureau of the health section of the League of Nations, located at Singapore, to the headquarters at Geneva:

Port	Plague		Cholera		Smallpox	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Calcutta.....		1		6	12	8
Bombay.....	0	1	0	1	6	4
Madras.....	0	0	0	1	24	12
Rangoon.....		16		0	15	4
Karachi.....	0	0	0	0	0	0
Negapatam.....	0	0	0	0	0	0
Singapore ¹	0	0	0	0	1	1
Port Swettenham.....	0	0	0	0	0	0
Penang.....	0	0	0	0	0	0
Batavia.....	0	0	0	0	0	0
Soerabaya ²	0	0	0	0	0	0
Samarang.....	1	1	0	0	0	0
Belawan Deli.....	0	0	0	0	0	0
Macassar.....	0	0	0	0	0	0
Sandakan (North Borneo).....	0	0	0	0	0	0
Kuching (Sarawak) ³	0	0	0	0	2	0
Bangkok.....	1	1	0	0	1	1
Saigon and Cholon.....	0	0	0	1	0	0
Hongkong.....	0	0	0	0	0	0
Shanghai.....	0	0	0	0	1	0
Manila.....	0	0	2	1	0	0
Colombo ¹	1	0	0	0	0	0
Nagasaki.....	0	0	0	0	1	0
Yokohama.....	0	0	0	0	0	0
Shimonoseki.....	0	0	0	0	0	0
Kobe.....	0	0	0	0	0	0
Adelaide.....	0	0	0	0	0	0
Brisbane.....	0	0	0	0	0	0
Fremantle.....	0	0	0	0	0	0
Melbourne.....	0	0	0	0	0	0
Sydney.....	0	0	0	0	0	0
Port Said.....	2	0	0	0	0	0
Mombasa.....	0	0	0	0	0	0

¹ No case of plague infection among the rats examined.

² Infected rats taken.

³ Exceptional prevalence of smallpox reported in the region of Sarawak, but the epidemic remains confined to the interior and has not reached any of the ports.

Errata—Report for week ended July 4, 1925.—Four deaths from plague at Bombay, and not four cases of cholera, as indicated. Three deaths from plague at Colombo. No case of infection among rats examined at Singapore, Soerabaya, Bangkok, or Colombo.

CUBA

Communicable diseases—Habana—April 1–June 30, 1925.—During the period April 1 to June 30, 1925, communicable diseases were reported at Habana, Cuba, as follows:

Disease	Apr. 1–30, 1925		May 1–31, 1925		June 1–30, 1925		Remain- ing under treatment June 30, 1925
	New cases	Deaths	New cases	Deaths	New cases	Deaths	
Cerebrospinal meningitis	2	1	3	4			
Chicken pox	16		12		17		7
Diphtheria	25	1	21	2	14	4	1
Leprosy	1						8
Malaria	46	1	19	1	52	2	117
Measles	169	2	240	0	130	21	29
Paratyphoid fever	1		1				
Scarlet fever	5		12		28	1	11
Typhoid fever	36	3	35	10	43	3	43

¹ From the interior, 9; from abroad, 1.

² From the interior, 21.

EGYPT

Plague—June 18–July 1, 1925—Summary (comparative).—Plague has been reported in Egypt as follows: June 18 to 24, 1925—1 case with 1 death, occurring at Alexandria; June 25 to July 1, 1925—cases, 3; deaths, 2, of which 2 cases occurred at Port Said and 1 case at Suez. The types of the disease were bubonic and septicemic. The total number of reported cases from January 1 to July 1, 1925, was 78, as compared with 320 cases for the corresponding period of the year 1924.

ESTHONIA

Communicable diseases—April, 1925.—During the month of April, 1925, communicable diseases were reported in Esthonia as follows: Diphtheria, 20 cases; measles, 6; paratyphoid fever, 8; scarlet fever, 60; tuberculosis, 194; typhoid fever, 57; typhus fever, 4. Population, 1,107,059.

Leprosy.—During the same period 8 cases of leprosy were notified in Esthonia.

FINLAND

Communicable diseases—May 16–31, 1925.—During the period May 16 to 31, 1925, communicable diseases were reported in Finland as follows: Diphtheria, 52 cases; poliomyelitis (infantile paralysis), 3 cases; scarlet fever, 84 cases; typhoid fever, 30 cases (paratyphoid fever, 10 cases). Population, 3,469,402.

HAWAII

Plague-infected rat—Honokaa—June 28, 1925.—A plague-infected rat was reported found at Honokaa plantation, Honokaa, Hawaii, June 28, 1925.

MADAGASCAR

Plague—Tananarive Province—May 16-31, 1925.—During the period May 16 to 31, 1925, 24 cases of plague with 24 deaths were reported in the Province of Tananarive, Madagascar. Of these, one fatal case occurred in the interior town of Tananarive. The cases were distributed according to type as follows: Bubonic, 16 cases with 16 deaths; pneumonic, 1 case with 1 death; septicemic, 7 cases with 7 deaths.

VIRGIN ISLANDS

Communicable diseases—June, 1925.—Communicable diseases were notified in the Virgin Islands of the United States during the month of June, 1925, as follows:

Island and disease	Cases	Remarks
St. Thomas and St. John:		
Chicken pox.....	3	
Dengue.....	14	
Dysentery.....	1	Unclassified.
Erysipelas.....	1	
Gonorrhea.....	8	One imported.
Pellagra.....	1	
Syphilis.....	2	Secondary.
Tetanus.....	1	
St. Croix:		
Chancroid.....	1	
Filariasis.....	3	Bancrofti.
Fish poisoning.....	1	
Gonorrhea.....	1	
Syphilis.....	2	Secondary.

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER

The reports contained in the following tables must not be considered as complete or final as regards either the lists of countries included or the figures for the particular countries for which reports are given.

Reports Received During Week Ended August 7, 1925¹

CHOLERA

Place	Date	Cases	Deaths	Remarks
Philippine Islands:				
Albay—				
Tabaco.....	June 14-20.....	1	1	
Camarines Sur—				
Lagonoy.....	June 6-12.....	2	1	
Manila.....	June 15-28.....	3		

PLAGUE

Ceylon:				
Colombo.....	June 14-20.....	5	4	
Egypt.....				June 18-24, 1925: Cases, 1. Jan. 1-June 24, 1925: Cases, 75; corresponding period, 1924—cases, 313.
Do.....				June 25-July 1, 1925: Cases, 3. Jan. 1-July 1, 1925: Cases, 78; corresponding period, 1924—cases, 320.
City—				
Port Said.....	June 28-30.....	2	1	
Suez.....	June 27.....	1	1	
Hawaii:				
Honokaa.....				June 28, 1925: Plague-infected rat trapped at Honokaa Plantation.

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued**Reports Received During Week Ended August 7, 1925—Continued****PLAGUE—Continued**

Place	Date	Cases	Deaths	Remarks
India				May 24-30, 1925: Cases, 880; deaths, 694.
Bombay	June 7-13	5	4	
Madras Presidency	June 24-30	1		
Rangoon	June 6-13	17	11	
Java:				
Batavia	June 6-12	4	4	Province.
Cheribon	Apr. 2-May 16		54	
Pekalongan	Apr. 9-May 16		60	
Soerabaya	May 21-27	1	1	
Tegal	Apr. 2-May 16		36	
Madagascar:				
Province—				
Tananarive				May 16-31, 1925: Cases, 24; deaths, 24.
Tananarive (town)	May 16-31	1	1	Bubonic.
Other localities	do.	23	23	Bubonic, cases and deaths, 15; pneumonic, 1; septicemic, 7.

SMALLPOX

Canada:				
British Columbia—				
Vancouver	July 6-12	3		
China:				Very prevalent in surrounding districts.
Amoy	June 14-20			Present.
Antung	June 8-21	4		Do.
Foochow	June 16-20			
Nanking	June 6-27			
Tientsin	May 24-30	1		
Egypt:				
Cairo	Apr. 30-May 6	2		
Great Britain:				
England and Wales	June 28-July 11	153		
Newcastle-on-Tyne	July 5-11	2		
India:				
Bombay	June 6-13	14	8	
Calcutta	do	18	17	
Madras	June 21-27	28	13	
Rangoon	June 6-13	10		
Java:				
Brebes	Apr. 22-28	1		
Cheribon	Apr. 16-22		1	
Pekalongan	Apr. 2-8	1		
Soerabaya	May 14-27	80	4	
South Bantam	Apr. 16-22	1		
Tegal	Apr. 16-May 2		1	
Malta	June 16-30	7		
Mexico:				
Guadalajara	July 14-20		7	
Switzerland:				
Berne	June 7-13	1		
Tunis:				
Tunis	June 24-30	4	5	
Do	July 1-7	1	8	
Union of South Africa:				
Cape Province—				
Port Elizabeth	Apr. 18-25	8	1	

TYPHUS FEVER

Esthonia				Apr. 1-30, 1925: Cases, 4.
Mexico:				
Mexico City	June 28-July 4	9		

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued**Reports Received from June 27 to July 31, 1925 ¹****CHOLERA**

Place	Date	Cases	Deaths	Remarks
Algeria:				
Algiers	May 11-20	1		
Ceylon:				
Colombo	May 10-16	2	2	Jan. 25-May 2, 1925: Cases, 57; deaths, 43.
India:				
Bombay	May 10-16	1	1	Apr. 26-May 30, 1925: Cases, 26,273; deaths, 16,115.
Calcutta	May 3-9	58	49	
Do.	May 17-23	79	61	
Madras	June 6-20	4	1	
Rangoon	May 3-June 6	22	15	Feb. 8-14, 1925: Cases, 2; deaths, 2. Received out of date.
Indo-China:				
Saigon	May 4-31	3	3	
Siam:				
Bangkok	Apr. 29-May 30	7	3	
Turkey:				
Constantinople	May 16-22	1		

PLAGUE

Brazil:				
Bahia	May 3-June 13	5	4	
British East Africa:				
Uganda	Feb. 1-28	28	28	
Ceylon:				
Colombo	May 10-June 13	5	6	
China:				
Foochow	May 24-31			Reported present in epidemic form.
Ecuador:				
Guayaquil	June 1-15	1	1	May 16-June 13, 1925: Rats examined, 20,967; found infected, 78.
Egypt:				
City—				
Alexandria	June 17	1	1	Bubonic.
Port Said	June 17-18	1	1	Do.
Suez	June 14-15	2	1	Do.
Province—				
Assiout	June 5	1	1	
Beni Souef	June 10-16	8	4	
Charkieh	June 6-8	1	1	
Kena	June 17	1	1	
Minia	June 6-17	3	2	
Gold Coast:	Mar.-Apr.	3	3	
India:				
Bombay	Apr. 26-June 6	51	47	Apr. 26-May 20, 1925: Cases, 22,408; deaths, 18,356.
Calcutta	May 30-June 6	1	1	
Karachi	May 18-June 6	4	3	
Madras	May 10-June 23	4	3	
Rangoon	May 3-June 6	63	54	Feb. 8-14, 1925: Cases, 13; deaths, 13. (Received out of date.)
Indo-China:				
Cochin-China—				
Saigon	Apr. 20-May 31	2	2	Including 100 square kilometers of surrounding country.
Iraq:				
Bagdad	May 24-30	2		
Java:				
Batavia	May 6-29	21	21	Epidemic.
Paseroean Residency	Mar. 7-May 25			
Soerabaya	May 7-13	2	2	
Soerakarta Residency	May 28			Epidemic at Kalidgambe.
Madagascar:				
Province—				
Itasy	Apr. 1-15	1	1	
Tananarive	Apr. 1-May 15	175	147	
Town—				
Tamatave (port)	Apr. 1-15	2		
Tananarive Town	Apr. 16-May 15	4	4	
Nigeria:				
Do.	Dec., 1924	17	13	
Do.	Jan., 1925	10	6	
Siam:				
Bankok	Apr. 26-May 30	6	5	
Straits Settlements:				
Singapore	May 3-30	9	9	
Turkey:				
Constantinople	May 25-31	1		

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued**Reports Received from June 27 to July 31, 1925—Continued****SMALLPOX**

Place	Date	Cases	Deaths	Remarks
Angeria:				
Algiers.....	May 1-June 30.....	43	2	
Brazil:				
Pernambuco.....	Apr. 26-May 30.....	40	21	
Rio de Janeiro.....	May 9-June 20.....	1	1	
British East Africa:				
Kenya—				
Mombasa.....	Apr. 19-May 23.....	21	9	
Nairobi.....	May 3-9.....	3	2	
Tanganyika Territory.....	Apr. 5-May 9.....	22	6	
Uganda.....	Feb. 1-28.....	2		
British South Africa:				
Northern Rhodesia.....	Apr. 28-May 4.....	3		
Canada:				
British Columbia—				
Vancouver.....	June 1-23.....	7		
New Brunswick—				
Restigouche County.....	June 1-30.....	1		
Ontario.....				May 31-June 27, 1925: Cases, 12;
Galt.....	June 14-20.....	2		deaths, 1. Corresponding pe-
Kingston.....	do.....	1		riod, 1924: Cases, 24.
Saskatchewan—				
Regina.....	May 24-30.....	3		
China:				
Amoy.....	May 17-June 13.....		7	
Antung.....	May 11-June 7.....	2		
Canton.....	May 10-June 6.....			Present.
Chungking.....	May 3-30.....			Widespread.
Foochow.....	May 9-June 6.....			Present.
Hongkong.....	Apr. 19-May 23.....	13	12	
Manchuria—				
Dairen.....	Apr. 13-June 7.....	107	16	
Harbin.....	May 13-June 2.....	2		Do.
Nanking.....	May 9-June 6.....			
Shanghai.....	May 3-June 6.....	5	2	
Swatow.....	May 17-June 6.....			Stated to be endemic.
Tientsin.....	May 9-June 6.....	2		
Chosen:				
Seoul.....	May 1-31.....	1		
Egypt:				
Alexandria.....	May 21-27.....	1	1	
Cairo.....	Mar. 19-May 22.....	2		
France.....				February-April, 1925: Cases, 59.
Paris.....	May 21-31.....	1		
Gold Coast.....				January-April, 1925: Cases, 367;
				deaths, 29.
Great Britain:				
England and Wales.....				May 24-June 27, 1925: Cases, 441.
Birmingham.....	June 7-13.....	1		
Cardiff.....	June 14-20.....	1		
Newcastle-on-Tyne.....	May 31-July 4.....	5		
Greece.....				January-April, 1925: Cases, 44;
				deaths, 8.
Athens.....	May 1-31.....		2	
India.....				Apr. 26-May 30, 1925: Cases,
Bombay.....	Apr. 26-June 6.....	123	92	24,401; deaths, 6,054.
Calcutta.....	May 3-9.....	109	100	
Do.....	May 17-23.....	75	61	
Do.....	May 31-June 6.....	50	45	
Karachi.....	May 18-June 13.....	5	1	
Madras.....	May 18-June 20.....	124	53	
Rangoon.....	May 3-June 6.....	171	86	
Indo-China:				
Cochin-China—				
Saigon.....	Apr. 20-May 21.....	13	9	Including 100 square kilometers
				of surrounding country.
Irak.....				Jan. 11-May 2, 1925: Cases, 116;
Bagdad.....	Apr. 26-May 2.....	3		deaths, 43.
Italy.....	Dec. 28-Apr. 18.....	44		
Jamaica.....				Apr. 26-June 27, 1925: Cases, 110;
				(reported as alastrim).
Kingston.....	Apr. 26-June 27.....	19		Reported as alastrim.
Japan:				
Kobe.....	May 24-June 27.....	2		
Nagasaki.....	May 15-21.....	2		
Yokohama.....	May 25-31.....	1		

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued**Reports Received from June 27 to July 31, 1925—Continued****SMALLPOX—Continued**

Place	Date	Cases	Deaths	Remarks
Java:				
Batavia.....	May 2-8.....	1		Province.
Rembang Residency.....	Apr. 23.....			Epidemic at Kawedanan.
Soerabaya.....	Apr. 16-May 13.....	121	16	
Tegal.....	Mar. 29-Apr. 4.....	2		
Malta.....	June 1-15.....	2		
Mexico:				
Durango.....	June 1-30.....		11	
Guadalajara.....	June 2-29.....		10	
Do.....	June 30-July 13.....		2	
Mexico City.....	May 24-June 27.....	12		Including municipalities in Federal District.
Tampico.....	June 1-10.....		1	
Do.....	July 1-10.....	2	1	
Morocco:				
Tangier.....	May 17-June 5.....			Present among natives.
Nigeria:				
Do.....				December, 1924: Cases, 40; deaths, 16.
				January-February, 1925: Cases, 421; deaths, 11.
Persia:				
Teheran.....	Mar. 21-Apr. 21.....		11	
Poland:				
Poland.....				Mar. 1-Apr. 4, 1925: Cases, 19.
Portugal:				
Lisbon.....	Apr. 26-June 27.....	36	6	
Oporto.....	June 14-20.....	1		
Russia:				
				December, 1924: Cases, 880. January-February, 1925: Cases, 1,355.
Siam:				
Bangkok.....	Apr. 26-May 30.....	16	10	
Spain:				
Malaga.....	May 24-June 20.....		15	
Valencia.....	May 31-June 27.....	3	1	
Straits Settlements:				
Singapore.....	May 17-23.....	1		
Syria:				
Beirut.....	Apr. 21-30.....	1		
Tripoli:				
Tripoli.....				Jan. 3-Mar. 4, 1925: Cases, 8.
Tunis:				
Tunis.....	May 6-June 23.....		26	
Turkey:				
Constantinople.....	May 16-22.....	2		
Union of South Africa:				
Cape Province.....	May 24-30.....			Outbreaks.
Transvaal.....	May 3-June 6.....			Do.
Uruguay:				December, 1924: Cases, 8.

TYPHUS FEVER

Algeria:				
Algiers.....	May 11-20.....	6	2	In vicinity, 12 cases. Isolated.
Bulgaria:				
Sofia.....	May 28-June 3.....	2		November-December, 1924: 1 case. January-March, 1925: Cases, 36; deaths, 2.
Chile:				
Valparaiso.....	May 10-16.....		1	
China:				
Manchuria—				
Harbin.....	May 19-June 2.....	2		
Czechoslovakia:				
Czechoslovakia.....				April, 1925: One case.
Egypt:				
Alexandria.....	May 7-June 3.....	3	1	
Cairo.....	Mar. 26-Apr. 22.....	5	4	
Port Said.....	May 14-20.....	1	1	
Greece:				
Athens.....	May 1-31.....		2	January-April, 1925: Cases, 52; deaths, 6.
Latvia:				
Latvia.....				April, 1925: Cases, 12.
Mexico:				
Mexico City.....	May 24-June 6.....	24		Including municipalities in Federal district.
San Luis Potosi.....	June 26-July 4.....		1	
Morocco:				January-April, 1925: Cases, 290

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued**Reports Received from June 27 to July 31, 1925—Continued****TYPHUS FEVER—Continued**

Place	Date	Cases	Deaths	Remarks
Palestine:				
Jaffa District.....	June 2-8.....	2	-----	
Majdal.....	May 26-June 8....	3	-----	
Ramleh.....	May 19-25.....	1	-----	
Safad.....	June 9-15.....	1	-----	
Peru:				
Arequipa.....	Apr. 1-30.....	-----	2	
Poland.....				Mar. 1-Apr. 11, 1925: Cases, 1,195; deaths, 74.
Portugal:				
Oporto.....	May 31-June 6....	1	-----	
Rumania:				
Constanza.....	May 1-31.....	1	-----	
Russia.....				December, 1924: Cases, 4,227. January-February, 1925: Cases, 9,721.
Spain:				
Valencia.....	June 7-13.....	-----	1	
Tunis:				
Tunis.....	May 21-June 17....	16	8	
Turkey:				
Constantinople.....	May 11-31.....	7	2	
Union of South Africa:				
Cape Province.....	Apr. 19-June 6....	-----	-----	Outbreaks.
Natal.....	May 3-9.....	-----	-----	Do.
Durban.....	Feb. 1-May 9.....	14	-----	European.
Orange Free State.....	Feb. 1-May 30....	-----	-----	Outbreaks.
Transvaal.....	do.....	-----	-----	Do.
Yugoslavia:				
Zagreb.....	May 8-21.....	7	1	